

Historic, archived document

Do not assume content reflects current
scientific knowledge, policies, or practices.

LIBRARY
RECEIVED
☆ JAN 31 1952 ☆
U. S. Department of Agriculture



PETUNIA DWARF CALIFORNIA GIANTS IMPROVED VAUGHAN BLEND
Trade pkt., \$1.50; 1/2 trade pkt., 90c; 1/64 oz., \$2.75; 1/32 oz., \$5.00; 1/16 oz., \$9.00.

Vaughan's BOOK FOR FLORISTS *Spring* 1952

601 W. JACKSON BLVD., CHICAGO 6—47 BARCLAY ST., NEW YORK 7



SNAPDRAGON VAUGHAN'S TETRA SUPREME MIXED

Bushy Petunia

LITTLE GIANTS PINK SHADES

An exclusive selection of the light to dark pink shades out of the popular Ruffled Little Giants, retaining the same growth habit, size and freedom of bloom. A richly brilliant selection, fine for beds and borders; unsurpassed for pot plant use 8 to 10 in.

Trade pkt., \$1.00.

New F-1 Hybrid

PETUNIA BALLERINA (F-1 HYBRID)

Honorable Mention All America Selections 1952. Large single fringed flowers of a soft glowing salmon. Plants are dwarf and compact, the flowers 100% grandiflora. Growth and flower production show hybrid vigor. Blooms 3½ to 4 inches across, excellent for pots and an interesting variety for the garden border.

Trade pkt., \$2.50; ½ trade pkt., \$1.35; 1/128 oz., \$4.50; 1/64 oz., \$8.00.

Tetraploid Snaps

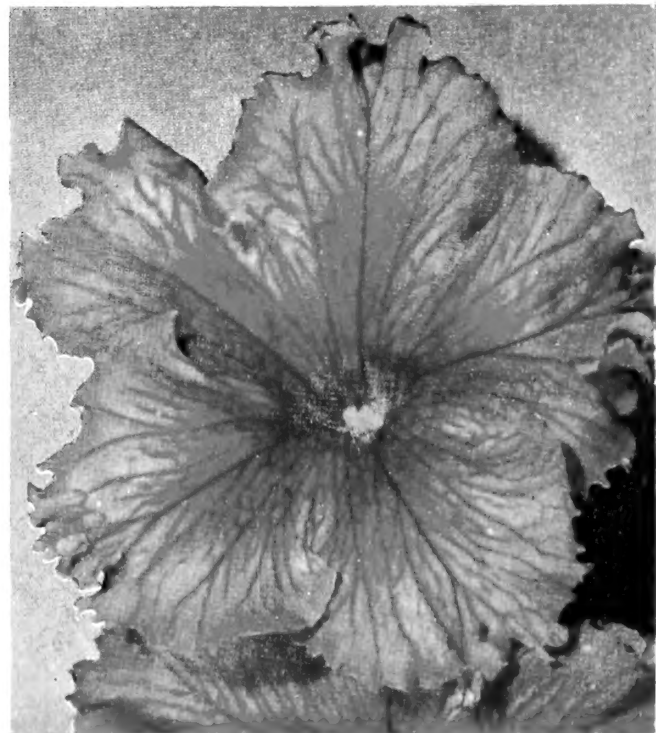
ANTIRRHINUM VAUGHAN'S TETRA SUPREME MIXED

Flowers of the exceptional beauty, size and vigor, characteristic of the "Tetra" strain, include colors of which only a few are illustrated. They range from shell pink to the deepest rose, from dark bronze through orange to pale yellow, with many intermediate sunset tints which are found in no other strain.

Trade pkt., 40c; 1/16 oz., 70c; 1/8 oz., \$1.25; 1/4 oz., \$2.00; oz., \$6.75.



PETUNIA LITTLE GIANTS PINK SHADES



PETUNIA BALLERINA

BUYERS: Give this Check List the "Once Over" When Ordering

This is a list of items most commonly used and needed by Greenhouse operators during the catalog months of the year. A glance at the list will probably recall any needs you might have forgotten which would inconvenience you later. It will also be a suggestion aid as to the possibilities of filling any empty benches. Included are a few hints regarding varieties, time of blooming, and culture. All items are listed in our "Books for Florists," but this will give you a quick check for busy months. We are planning to print improvements on this in each book if it is of any value to you. We would appreciate hearing your ideas. Better keep this for references until the next issue.

*Starred perennial varieties are valuable for cutting besides plant sales.

(A) means Annual; (B) means Biennial; (P) means Perennial.

ITEMS TO START IN JANUARY

FLOWER SEEDS

Ageratum (Spring plants)
Antirrhinum (for cutting)
Asparagus Sprengeri
Plumoseus Nanus
Begonias (Spring plants)
Calendula (for cutting)
Candytuft (for cutting)
Carnation (Annual, for plants)
Centaurea Candidissima (Dusty Miller)
Cyanus Cornflower (for cutting)
Chrysanthemum (Annual cutflower)
Cineraria (for late May combinations)
Clarkia (for cutting)
Coleus (Spring plants)
Cuphea (for plants)
Cynoglossum (for cutting)
Dahlias Unwin (fine pot plants)
Dracaena Indivisa (for pot plants)
Fuchsia (fine pot plant)
Gloxinia (for pot culture)
Gypsophila (Annual for cutting)
Impatiens (fine shade plants)
Kalanchoe (for pot plants)
Larkspur (Annual, for cutting)
Lilium Praecox White Queen (for spring 1953)
Linaria (for combination)
Lobelia (Spring plants)
Lupinus (Annual, for cutting)
Marigolds Dwarf (for combination)
Matricaria Golden Ball Pots
Mimulus (for pot culture)
Nemesia (for combination)
Nierembergia Hippomanica (for pot culture)
Pansies Super Maple Leaf Giants
Mixed Largest, Super Swiss
Giants Finest color range, size and earliness
Petunias All Double and Dwarf Giants
Salpiglossis (for cutting)
Salvia (for plants)
Schizanthus (for combination)
Solanum (Xmas Cherry or Pepper)
Stocks Column and Branching
Strawberries (Baron Solemacher)
Sweet Peas (Early and spring)
Torenia Fournieri (for pot culture)
Verbena (for early combination)
Vinca Rosea (plants)

FLOWER SEEDS—Continued

GREENHOUSE

Azaleas
Ageratum R.C.
Carnation R.C.
Geraniums 2 1/4" or R.C.
Hydrangea R.C.
Cyclamen Seedlings
Fancy Leaved Caladiums
Lantana 2 1/4"

BULBS

Amaryllis
Auratum Lilies
Begonias (Tuberous Rooted)
Croft Lilies
Estate Lilies
Erabu Lilies
Gigantium Lilies
Gladiolus
Gloxinias (Tuberous Rooted)
Rubrum Lilies
Tuberose

SUPPLIES

Aluminum Sulphate
Bamboo Stakes
Bone and Blood
Clover Set Pots
Formaldehyde Dust
Handy, Sowrite Seed Model
Hormodin
Horn Shavings
Hose Couplings
Loma
Nico Fume
Paper Pots
Flower Boxes
Peat Moss
Plant Bands
Pot Labels
Rootone
Red Arrow
Aerosol Bombs

VEGETABLE SEED

Cabbage
Cauliflower
Celery
Egg Plant
Parsley
Pepper
Radish
Tomatoes

Culture

Pinch February 15th.
 Sow directly in flats, bench.
 One pinch.
 Grow 2" or shallow flats. Poor soil.
 Grow under partial shade.
 Sow directly in flat or bench.
 Shade 3 hrs. Aug. 15-Oct. 1. 5-8 P.M.
 Shade 3 hrs. Sept. 1-Oct. 20. 5-8 P.M.
 Keep bushy.
 Pinch March.
 Grow below 50%.
 Pinch March.
 Do not pinch later than July 1.
 Grown at 60°
 Grown at 60°

ITEMS TO START IN FEBRUARY

FLOWER SEEDS

Ageratum
Asparagus Plumoseus Nanus
Asparagus Sprengeri
Asters (for forcing)
Calendula (for cutting)
Candytuft (Dwarf for combinations)
Carnation Annual (for plants)
Centaurea Cand. (Dusty Miller)
Centaurea Cyanus
Dahlias Unwin (Fine pot plant)
Dracaena Indivisa
Gypsophila Annual
Larkspur
Lilium Praecox White Queen (for spring 1953)
Linaria (for combinations)
Marigold (Dwarf for combinations)

FLOWER SEEDS—Continued

Mignonette (for cutting)
Mimulus (for pots)
Nasturtium (Double for cutting)
Nierembergia Hippomanica
Petunias Double and Dwarf Giants
Primula Obconica
Salpiglossis (for cutting)
Salvia (for plants)
Stocks (Column and Branching)
Statice Suworowii (Russian) for late spring cutting
Sweet Peas (Late varieties)
Thunbergia (Vine)
Torenia (for pot plants)
Verbena (Spring plants)
Vinca Rosea (plants)
Zinnia (for cutting inside)

ITEMS TO START IN FEBRUARY—Continued

GREENHOUSE

Azaleas
Lantana 2 1/4"
Hydrangea R.C.
Geranium 2 1/4" or R.C.
Chrysanthemum R.C.
Carnation R.C.
Vinca R.C.
Fancy Leaved Caladiums
Ageratum R.C.
Verbena R.C.
Cyclamen Seedlings
Cannas
Dahlia

BULBS

Amaryllis
Auratum Lilies
Begonias Tuberous
Croft Lilies
Estate Lilies
Erabu Lilies
Gigantium Lilies
Gladiolus
Gloxinias
Rubrum Lilies

SUPPLIES

Arsenate of Lead
Bone & Blood
Bone Meal
Gray's Plant Containers
Plant Bands
Aerosol Bombs

SUPPLIES—Continued

Labels
Peat Moss
Florafoil
Flower Boxes
Hormodin
Loma
Paper Pots
Plant Bands
Picks
Red Arrow
Semesan
Bamboo Stakes
Snarol
Soil Testers
Vigoro
Aerosol Bombs
Rootone

VEGETABLE SEED

Cabbage
Cauliflower
Celery
Egg Plant
Endive
Lettuce
Mushroom Spawn
Onion
Onion Sets
Parsley
Pepper
Radish
Tomato

Planted in February

Asters
Marigolds
Primula
Stocks
Sweet Peas
Hydrangeas take cuttings
Gladiolus
Begonias Tuberous
Gloxinias Tuberous
Croft Lilies

Benching

March 10
 April 1
 April
 April
 February
 Feb.-April
 Feb.
 Feb.
 Feb.
 Feb. 1
 Feb. 15

Blooming

June-July
 May 15
 October
 June
 May-June
 Easter-June
 May-June
 June-Aug.
 June-Aug.
 May 20
 June 1

Culture

Lighted Feb. 10 on Use late var.
 Grow restricted containers. Dry side.
 Do not use peat.
 Grow below 50%.
 (Latest pinch July 1, Pota)

ITEMS TO START IN MARCH

FLOWER SEEDS

Alyssum
Antirrhinum (for plants)
Asparagus Plumoseus Nanus
Asparagus Sprengeri
Asters (for forcing)
Calendula
Clarkia (for cutting)
Celosia (Dwarf for combinations)
Centaurea Cyanus (outside)
Centaurea Gymnocarpa (Dusty Miller)
Dahlias Unwin (Fine pot plant)
Gerbera (Transvaal Daisy)
Grevillea Robusta (Filler)
Gypsophila (A) for cutting
Ipomoea Clark's Early Heavenly Blue
Larkspur (outside)
Lupinus (Annual)
Marigolds (for combination)
Mesembryanthemum (pots)
Nasturtium
Petunias
Primula Obconica
Primula Sinensis
Salpiglossis
Salvia (for plants)
Solanum (Xmas Cherry or Pepper)
Statice Sinuata for cutting
Sweet Peas (outside)
Venidium (plants)
Verbena (for plants)
Zinnia (for cutting inside)

VEGETABLE SEED

Beans
Carrots
Onion Sets
Peppers
Radish
Spinach
Turnip

SUPPLIES

Aerosol Bomb
Bamboo Stakes
Bone Meal
Bull Dog Clips
Crep Paper
Cyanogas
Flower Boxes
Flower Pot Wrap
Flower Potfoil
Glazing Material
Labels
Fertilizer Spreaders

GREENHOUSE

Azaleas
Buddleia
Cannas
Dahlias
Chrysanthemum R.C.
Fancy Leaved Caladiums
Geraniums 2 1/4" or R.C.
Hydrangea R.C.
Tritoma

BULBS

Auratum Lilies
Begonias
Gladiolus
Croft Lilies
Estate Lilies
Erabu Lilies
Gigantium Lilies
Gladiolus Display Case
Gloxinias
Ismene
Montbretias
Rubrum Lilies
Ranunculus
Tuberose

GRASS SEED

Planted in March

Antirrhinum
Asters
Gerbera
Primula Obconica
Primula Sinensis
Zinnias
Begonias (bulbs)
Gloxinias (bulbs)
Croft Lilies
Croft Lilies

Benching

May 15
 May 15
 Aug.
 May
 May
 April
 March
 March
 March 1
 March 15

Blooming

July and later
 July
 Dec. and later
 Dec. 25
 April on in 5" pots
 May 20-June
 June-Aug.
 June-Aug.
 June 10
 June 20

Culture

Do not pinch.
 Use fresh seed only.
 Do not use peat.

Give this Check List the "Once Over" When Ordering

ITEMS TO START IN APRIL

FLOWER SEEDS

Asparagus Sprengeri
Plumosus Nanus
 Asters (for forcing)
 Balsam (Bush variety for plants)
 Celosia (for outdoor cutting)
 Centaurea (outside for cutting)
 Cosmos Sensation varieties very good
 Delphinium (P)
 Euphorbia Variegata (for cutting filler) (sow outdoors)
 Freesias (Sow in flats, will bloom in Jan.)
 Gaillardia (A) (Spring plants)
 Grevillea Robusta (Filler)
 Gypsophila (A) (outside or cutting)
 Ipomoea Heavenly Blue for pot sales
 Lupinus (A) (Annual)
 Marigolds (Spring plants)
 Nasturtiums Double varieties best.
 Primula Obconica
 Primula Sinensis
 Saponaria "Pink Gyp" (for cutting)
 Scabiosa (for cutting)
 Statice Sinuata for cutting
 Zinnia (for cutting inside)

VEGETABLE SEED

Asparagus Roots
 Kohlrabi
 Onion Sets

GRASS SEED

Plant in April	Benching	Blooming	Culture
Annual Gypsophila	Flatted May 15	June-July	
Asters (late April)	June 1	July	
Lupinus	April	May 30	
Primula Obconica	June	Jan.-Feb.	Do not use peat.
Zinnias 1st	Early April	May 20-June 1	
Zinnias 15th	Late April	June 1-June 10	
Mums, R.C. & Poms	June	Oct.-Dec.	Lights started Aug. 10
Mums, R.C. & Poms	June	Dec.-Feb.	Use only for ½ hour at midnight.
Garza and late Poms, R.C.	Early July	Oct.-Dec.	
Late Mums R.C.	Early July	Dec.-Feb.	
Croft Lilies	April 1	July 1	
Croft Lilies	April 15	July 15	

ITEMS TO START IN MAY

FLOWER SEEDS

Asparagus Plumosus Nanus
Asparagus Sprengeri
 Campanula medium sorts (B)
 Delphinium (P)
 Digitalis (B)
 Forget-me-not (For Jan. flwg. Early Blue Bird)
 Freesias (Sow in flats will bloom in Jan.)
 Gourds (Start in pots)
 Gypsophila (A) (for cutting)
 Lupinus Annual (outside)
 Primula Malacoides
 Primula Obconica
 Salpiglossis (Outside for cutting)
 Scabiosa (outside for cutting)
 Zinnias (outside for cutting)

BULBS

Gladiolus
Auratum Lilies
 Croft Lilies
 Estate Lilies
 Erabu Lilies
 Gigantium Lilies

SUPPLIES

Bamboo Stakes
 Bone & Blood
 Bone Meal
 Cyanogas
 Galvanized Wire Stakes
 Insecticides (resale)
 Loma
 Nicofume
 Raffia
 Red Arrow
 Sheep Manure
 Volck
 Aerosol Bombs
 Plant Tubs
 Sprayers
 Terralite

GREENHOUSE

Azaleas 2 ¼" and up for growing on
Begonias 2 ¼"
Chrysanthemum R.C.
Geranium R.C.
 Poinsettia Stock Plants

Plant in May	Benching	Blooming	Culture
Primula Obconica	July	Jan. & later	
Zinnias	Early May	June 10-20	
Poinsettias	Make cuttings in	July-Aug.	Pinch not later than Sept. 1 for Dec. 25 blooming, 65°.
Garza & later Poms, R.C.	Early-Mid, July	Jan.-Feb.	
Late Mums	Early-Mid, July	Dec.-Feb.	
Croft Lilies	May 1	Aug. 1	
Croft Lilies	May 15	Aug. 15	

ITEMS TO START IN JUNE

FLOWER SEEDS

**Achillea* (P) (Tall cutting varieties)
 Alyssum Saxatile (P)
 **Anthemis* (P) (for cutting)
 Antirrhinum (Greenhouse var.)
 **Aquilegia*
 Arabis (P)
 Asparagus Plumosus Nanus
 Asparagus Sprengeri

FLOWER SEEDS—Continued

Aubrietia (P)
 Begonias (for Xmas plants)
 Calceolaria
 Campanula Calycanthema (B)
 Candytuft
 **Carnation* (P)
 Cineraria

ITEMS TO START IN JUNE—Continued

FLOWER SEEDS—Continued

**Coreopsis* (P) Double Sunburst
 Cyclamen
 **Centaurea* (P) (for cutting)
 **Daisy Shasta* (P) Single & Double
 **Delphinium* (P)
 **Dianthus Barbatus* (B)
 Digitalis (B)
 Dracaena Indivisa
 **Gaillardia* (P) (for cutting)
 **Gypsophila* (for cutting) (A)
 **Helenium* (P) (for cutting)
 Heuchera (P)
 Lunaria (P)
 **Lupinus* (P) (Annual)
 Lychnis (P)
 **Matricaria*
 Primula Chinese (pots)
 Primula Malacoides (pots)
 Primula Obconica (pots)
 **Pyrethrum* (P) (for cutting)
 **Scabiosa Caucasica*
 Statice (P) Dumosa variety very good
 Sweet Peas (early Flwg.)

BULBS

Gladiolus
Rubrum Lilies

GREENHOUSE

Bouvardia 2 ¼"
Chrysanthemum R.C.
 Gaillardia
 Table Fern Seedlings

SUPPLIES

Bone Meal
 Hose & Couplings
 Insecticide Refills
 Loma
 Nicofume
 Bordeaux Mixture
 Pomo Green
 Red Arrow
 Sulfate of Aluminum
 Super Phosphate
 Vigoro
 Aerosol Bombs
 Hose Sprinklers
 Sprayers
 Sprinklers

Plant in June	Benching	Blooming	Culture
Antirrhinum	August	Dec.	Pinch to 3 or 4 sets of leaves, no higher to avoid spindliness.
Cinerarias	August	Early Jan. on	Do not pinch.
Lupinus	June	Jan.-Feb.	Small pots outdoors bench in Sept.
Sweet Peas	June	Sept. & Dec.	Run rows N. & S. for winter blooming. See Aug. culture.

ITEMS TO START IN JULY

FLOWER SEEDS

Anchusa (P)
 **Anthemis* (P)
 Antirrhinum
 Armeria (P)
 Asparagus Plumosus
 Asparagus Sprengeri
 Begonia (for Xmas plants)
 Bellis (B)
 Calceolaria
 Calendula
 Campanula Perennial sorts
 **Centaurea* Perennial vars.
 Cineraria
 Clarkia (for cutting)
 Cyclamen
 **Daisy Shasta* (Single & Double)
 **Delphinium* (P)
 Dianthus Plumarius
 Didiscus Coeruleus Improved
 Doronicum (P) (for cutting)
 Dracaena Indivisa
 **Gaillardia* (P)
 **Geum* (P)
 Gypsophila
 Heuchera (P)
 Hollyhocks (P)
 **Liatris* (P)
 **Lupinus* (P)
 Marigold (Ghse. var.)
 **Matricaria* (Feverfew)
 Mignonette
 Myosotis (B) (for spring sales)
 Nasturtiums Double varieties best
 Pansies (outside for spring plants)
 Pansies (Greenhouse long stem var.)
 Platycodon (P)

FLOWER SEEDS—Continued

Poppy (P)
 Primula Malacoides
 Primula Obconica
 Primula Sinensis
 **Pyrethrum* (P)
 **Scabiosa* (P)
 Schizanthus
 **Statice* (P)
 Stocks
 Sweet Pea (Early)
 **Sweet William* (B)
 **Tritoma* (P)
 Veronica (P)
 Viola (B) (Spring plants)
 *Starred perennial varieties are valuable for cutting and plant sales.
 (A) means Annual; (B) means Biennial; (P) means Perennial.

BULBS

Rubrum Lilies

SUPPLIES

Bone Meal
 Sprinkler Nozzles
 Hose & Coupling
 Red Arrow
 Sphagnum Moss
 Vigoro
 Aerosol Bombs
 Insecticide
 Hose Nozzles
 Sprinklers

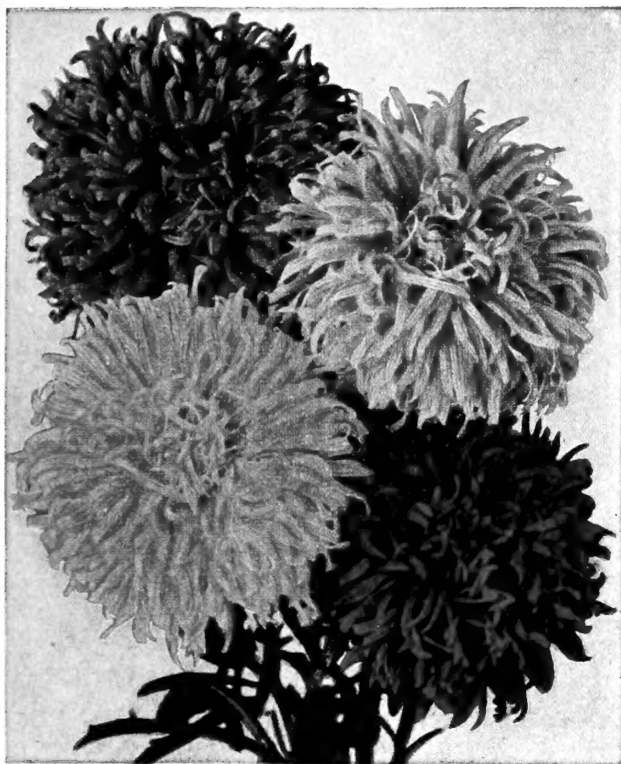
GREENHOUSE

Table Fern Seedlings

Planted in July	Benching	Blooming	Culture
Antirrhinum	Aug.	Xmas & later	Pinch about Aug. 30 to 3 or 4 sets of leaves.
Boston Yellow Daisies	Nov. 15	Feb. on	Start cuttings.
Boston Yellow Daisies	Nov. 1	Jan. 15 on	Lighted start cuttings.
Boston Yellow Daisies	Oct. 1	Dec.-March	Lighted start cuttings.
Calceolaria	Sept.	Feb.-March	Lighted.
Calceolaria	Sept.	Easter-Mother's Day.	
Calendulas	Sept.	November	
Cineraria	Sept.	Jan.-Feb.	Do not pinch.
Feverfew (Matricaria)	Sept.	Feb.-April	Lighted.
Mignonette	Sept.	Nov.-Feb.	Do not pinch. Disbud.
Pansy	Oct.	Nov. on.	Germinates below 68° Far.
Primula Obconica	Sept.	April on.	
Primula Sinensis	Sept.	April on 3" pots.	
Stocks	Aug. 15	Xmas & later	Use early var. Grow below 50° for setting buds.
Stocks	Sept.	Jan.-Feb.	Grow below 50° for setting buds.
Sweet Peas	July	Oct.-Feb.	See August culture.

Florists' Order Blank

New Flowers and Specialties



ASTER SUPER GIANT

New Strains of Asters

Super Giant Wilt Resistant. The largest flowered Aster, now bred to resist wilt. Valuable as a cutflower because of its long, wiry, non-branching stem and huge ostrich feather flowers. Blooms late summer to frost. 3 ft.

Beverly Hills. Azure blue.

El Monte. Crimson.

Hollywood. Pure paper white.

Pasadena. Peachblossom.

Santa Barbara. Dark purple.

Each of the above, trade pkt., 40c; $\frac{1}{4}$ oz., 90c; oz., \$3.20.

Mixed. A full range of colors including the above and others yet to come. Trade pkt., 40c; $\frac{1}{4}$ oz., 90c; oz., \$3.20.

Princess Pat. Bright crimson flower, fully quilled, on long strong stems for cutting. Trade pkt., 40c; $\frac{1}{4}$ oz., 90c; oz., \$3.00.

Pure White (Giant Incurved). Large fully double pure white flower on long stiff stem. Highly resistant to wilt. Comes into bloom in mid-August. Trade pkt., \$1.50; $\frac{1}{4}$ oz., \$2.50; oz., \$7.50.

Shell Pink. (Giant Incurved). Large flowers, fully double, $3\frac{1}{2}$ to 4 in. across, of soft shell pink carried on long stems. Quite wilt resistant and rarely shows any center under our conditions. Comes into bloom in mid-August; excellent flowered under lights in early spring. This new strain throws few laterals and needs very little disbudding. Trade pkt., \$1.50; $\frac{1}{4}$ oz. \$2.50; oz. \$7.50.

Bouquet Type. Wilt Resistant. Plants are upright, bearing quilled flowers on long stems; habit allows entire plant to be cut as one bunch. Very early. Desirable for cutting; excellent shipper, does not crush. 2 ft.

Crimson Bouquet. Bright crimson.

White Bouquet. Pure white.

Each of the above, trade pkt., 40c; $\frac{1}{4}$ oz., 90c; oz., \$3.20.

Rich Blue Delphinium

Delphinium Sapphire. A rich blue distinct from Bellamosum in that it is slightly lighter in color with a tiny center of golden pollen, definitely larger flowered with a brilliant sheen to the petals. The foliage is glossy dark green. Trade pkt., 75c; $\frac{1}{4}$ oz., \$1.40; oz., \$5.00.



DIANTHUS BRILLIANT

Tetraploid Antirrhinums

Tetra Appleblossom. Glistening pink with white tube. Trade pkt., 60c; $\frac{1}{16}$ oz., \$1.10; $\frac{1}{8}$ oz., \$1.90.

Tetra Brilliant Rose. Large florets of a true rose pink. Trade pkt., 60c; $\frac{1}{16}$ oz., \$1.10; $\frac{1}{8}$ oz., \$1.90.

Tetra Orchid. Rich orchid-purple with sulphur-yellow blotch on lower lip. Large closely placed flowers on massive spike. Excellent for cutting. Trade pkt., 60c; $\frac{1}{16}$ oz., \$1.10; $\frac{1}{8}$ oz., \$1.90.

Tetra Pink Shades. An interesting color blend ranging from light pink to deep rose. Trade pkt., 60c; $\frac{1}{16}$ oz., \$1.10; $\frac{1}{8}$ oz., \$1.90.

Tetra Yellow. Large flowers of clear yellow on long, strong spikes. Base branching. Trade pkt., 60c; $\frac{1}{16}$ oz., \$1.10; $\frac{1}{8}$ oz., \$1.90.

Additions to Dianthus Family

Dianthus Brilliant. Large individual florets in rich colors of crimson, cerise, pink and white, many with dark eyes. Very free flowering, with stems sufficiently long for cutting. Bright colors provide interesting display in the garden bed or border. Trade pkt., 60c; $\frac{1}{4}$ oz., \$1.00; oz., \$3.60.

Dianthus Barbatus (Sweet William) Dwarf Double Dark Crimson. A color selected from the popular Midget Sweet William, so popular for spring sales. Plants are identical with the Midget Strain. Trade pkt., 50c; $\frac{1}{4}$ oz., \$1.20; oz., \$4.50.

Double Gaiety. A full-double form of this popular annual. The flowers are large, petals fringed; the colors range from white through pink, maroon and red. Plants are compact. Excellent for cutting or brilliant display in the garden. 12 in.

Trade pkt., 55c; $\frac{1}{4}$ oz., \$1.00; oz., \$3.60.

Improved Begonias

Double Tuberous Rooted Vaughan's Special Mixture. This seed from a specialist's collection includes the lovely camellia and rose flowered and double fringed types in all colors. Seed sown in January or February make good sized plants by August. Leaflet on culture supplied. Trade pkt., \$2.75.

Snowbank. The best dwarf white Begonia, large flowered pure white; very free flowering. Plants are compact and uniform. Foliage a bright clear green. Trade pkt., \$1.25; $\frac{1}{4}$ oz., \$2.75; $\frac{1}{2}$ oz., \$5.00.



MARIGOLD All Double Lemon and Orange

Impatiens is Improved

The Impatiens will make splendid pot plants for Christmas and are useful for bedding and porch boxes in shady locations.

Sultani Hybrida Nana "Beauty of Klettgau." The flowers are fire-scarlet red, bloom abundantly and are larger than those of other sorts, reaching a diameter of 2 in. Needs to be pinched off but once. Its main characteristic being the extremely broad but still low growth. Trade pkt., (200 seeds) 90c; $\frac{1}{64}$ oz., \$1.50; $\frac{1}{32}$ oz., \$2.50; $\frac{1}{16}$ oz., \$4.00.

New Larkspurs Take the Lead

Supreme. An entirely new strain of Giant Imperial or base branching Larkspur, in colors greatly improved over others. Plants have an ideal upright habit, with spikes on which large fully double flowers with broad petals are closely spaced.

Dark Blue Supreme. A fine rich violet purple, clearer and brighter than offered before. Outstanding improvement in the length of the flower spike. Fully double flowers, closely set on stems which grow 5 ft. or more.

Lilac Supreme. A pleasing clear lilac.

Pink Supreme. A most desirable florist color. A clear rose pink, deeper in color than the well-known Los Angeles Improved. Tall growing plant with exceptionally long heavy main spike closely packed with fully double flowers with very wide petals. Under artificial light this color comes to life.

Rose Supreme. Clearer and deeper rose than the popular Stock Flowered Rosamond.

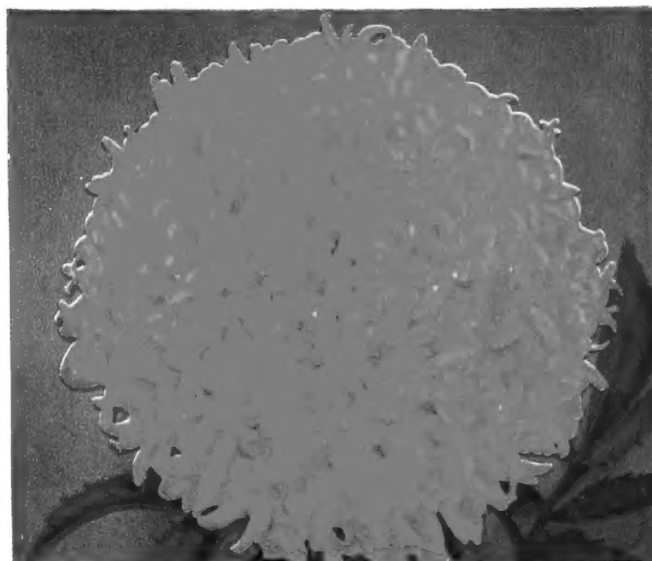
Salmon Supreme. True salmon, much stronger than others.

White Supreme. A true white, without a trace of pink.

Supreme Mixed. A formula-blend of the above colors to which has been added sorts not yet introduced.

Each of the above, Trade pkt., 40c; $\frac{1}{2}$ oz., \$1.10; oz., \$2.00; $\frac{1}{4}$ lb., \$6.75; lb., \$20.00.

Regal Rose. This new strain retains the compact basal branching habit of the Giant Imperials but has a tremendously long spike of well-spaced florets. Plants are extremely vigorous and quite early. A rich Florist's rose color. Trade pkt., 40c; $\frac{1}{2}$ oz., \$1.10; oz., \$2.00; $\frac{1}{4}$ lb., \$6.75; lb., \$20.00.



MARIGOLD GLITTERS

New Marigold Varieties

Cupid Mixed. Dwarf in habit, the large chrysanthemum-like flowers completely cover the entire plant. The flowers are 2-2½ inches across, in rich shades of orange, yellow and golden yellow. The odorless foliaged plant is but 6 inches tall, and very compact. Trade pkt., 40c; $\frac{1}{8}$ oz., 70c; $\frac{1}{4}$ oz., \$1.25; oz., \$4.25.

Glitters. All America Bronze Medal 1951. Large clear yellow double chrysanthemum flowered blooms, bushy erect plants, 2½ ft. tall, with long curling stems. Foliage dark green; providing a rich background for the 3 to 4-inch flowers of clear yellow with fringed outer petals. Trade pkt., 35c; $\frac{1}{4}$ oz., \$1.00; oz., \$3.00.

All Double Orange. Large perfectly formed flower heads of the quilled type coming almost 100% full-double. In our opinion the finest long-stemmed cutflower strain. Preferred to Prince of Orange. Trade pkt., 30c; $\frac{1}{4}$ oz., 55c; oz., \$1.80; $\frac{1}{4}$ lb., \$5.50.

All Double Lemon. Identical to the above, except for the color which is a rich lemon-yellow. We prefer this to Lemon Queen. Trade pkt., 30c; $\frac{1}{4}$ oz., 55c; oz., \$1.80; $\frac{1}{4}$ lb., \$5.50.

Color Magic. Brilliant colors of non-fading red to pure gold, many varied striped and mottled combinations in red and gold. Full double flowers, 2½ inches in diameter. The dwarf compact plant, but 6 inches high, makes it valuable for combinations while the brilliant colors make it desirable for flat sales. Will bloom in the border from early summer to killing frost. The largest flowered French sort. Trade pkt., 35c; $\frac{1}{4}$ oz., 90c; oz., \$2.80.



MARIGOLD COLOR MAGIC



PETUNIA ADMIRAL RESELECTED

Largest Pansy

Vaughan's Super Maple Leaf Mixture (Canadian Giants). Improved selection of the distinct variety Maple Leaf Giants we introduced some years ago, having large leaves of a rich dark green and flowers of gigantic size and heavy substance with good stems in a beautiful color range; plants of compact and sturdy growth. Trade pkt., \$1.00; $\frac{1}{8}$ oz., \$1.90; $\frac{1}{4}$ oz., \$3.40; oz., \$11.00.

Paper White. Large flowers of pure white, comparing favorably in size to the Swiss. Trade pkt., \$1.00; $\frac{1}{8}$ oz., \$3.00; $\frac{1}{4}$ oz., \$5.00; oz., \$18.00.

Pay Dirt. Large golden yellow flower, some having dark rays others with tiny dark faces. Fine habit of growth. Quite resistant to summer heat. 200 seeds \$1.10; 600 seeds \$1.90; $\frac{1}{16}$ oz., \$3.30; $\frac{1}{8}$ oz., \$5.50.

Tigress. Flowers are rather small, the reds, yellows, orchids and purples in novel striped and blotched arrangements create an appearance both striking and unusual. The so-called Pansy "face" is lacking in this variety. Trade pkt., 50c; $\frac{1}{4}$ oz., \$1.75; oz., \$5.00.

All the New Petunias

Dwarf California Giants Improved (Vaughan Blend). Illustrated in color on Front Cover. Flowers of largest size appear on dwarf plants ideal for pots and bedding, blooms when plants are very small, so salables are quickly produced. They are bushy, 12 inches high and bear ruffled flowers freely. Warm colors predominate. Trade pkt., \$1.50; $\frac{1}{2}$ Trade pkt., 90c; $\frac{1}{4}$ oz., \$2.75; $\frac{1}{32}$ oz., \$5.00; $\frac{1}{16}$ oz., \$9.00.

Extra Dwarf Giants of California. A new strain bred to fill the need for a truly dwarf pot plant. It is by far the best strain for this purpose in existence today. The color range has been greatly improved and brightened. 1000 seeds \$1.65; $\frac{1}{4}$ oz., \$3.85; $\frac{1}{32}$ oz., \$7.25; $\frac{1}{16}$ oz., \$13.25.

Carmencita (Grandiflora Single). A salmon-scarlet deeper than anything seen so far. Scarlet Petunias usually turn out to be only deep shades of rose. This is almost a true scarlet-orange. The dwarf plants are covered with fringed flowers. Perfect for pots. Trade pkt., \$1.50; $\frac{1}{2}$ Trade pkt., 85c; $\frac{1}{4}$ oz., \$3.50; $\frac{1}{32}$ oz., \$6.00.

Royalty. The immense ruffled and waved blossoms vary from pure white touched with purple through varying combinations of purple and white to rich self colored blooms. Often blossoms of all these combinations appear on one plant. Trade pkt., 60c; $\frac{1}{4}$ oz., \$1.65; $\frac{1}{32}$ oz., \$3.00.

Admiral Reselected. The best dwarf clear blue Petunia, of good size and an even compact grower. Trade pkt., 85c; $\frac{1}{4}$ oz., \$1.75; $\frac{1}{32}$ oz., \$3.25; $\frac{1}{16}$ oz., \$6.00.

Rose Charm (F-1 Hybrid). Clear rich rose, dwarf compact plants. Very showy. 12 to 16 in. Trade pkt., \$1.75; $\frac{1}{2}$ trade pkt., \$1.00; $\frac{1}{128}$ oz., \$3.50; $\frac{1}{4}$ oz., \$6.50; $\frac{1}{32}$ oz., \$12.00.

Tango (F-1 Hybrid). Deep salmon outside of bloom, shading to scarlet salmon nearer throat. Flowers $3\frac{1}{2}$ to 4 inches across, beautifully fringed. Truly dwarf but due to hybrid vigor are strong growing and extremely free blooming. 12 to 15 inches high with spread of 2 ft. Very brilliant. $\frac{1}{2}$ trade pkt., \$1.35; trade pkt., \$2.50; $\frac{1}{128}$ oz., \$4.50; $\frac{1}{4}$ oz., \$8.00.



PETUNIA ALLEGRO IMPROVED

Improved All-Double Petunias

All Double Vaughan's Formula Mixture. A blend of the various All Double Mixtures now available, to which has been added separate colors in the right proportion. Illustrated on our Back Cover. $\frac{1}{2}$ Trade pkt., \$2.75; Trade pkt., \$4.00; $\frac{1}{128}$ oz., \$7.25; $\frac{1}{64}$ oz., \$13.50; $\frac{1}{32}$ oz., \$26.00.

Colossal Shades of Rose Improved. Giant double blooms up to 5 inches or more across, on vigorous compact plants. Containing 80% rose and new salmon shades. Make fine 4 to 5 inch pot plants for Easter, Mothers' Day and spring combinations. 500 seeds, \$1.65; 1000 seeds, \$2.75; $\frac{1}{128}$ oz., \$5.50; $\frac{1}{64}$ oz., \$10.00.

America Improved. A rich rose-pink slightly deeper in color than the original with flowers of larger size coming more uniformly full-double. Extremely free flowering; excellent for bedding and cutting. Trade pkt., \$2.25; $\frac{1}{2}$ Trade pkt., \$1.40; $\frac{1}{64}$ oz., \$7.00; $\frac{1}{32}$ oz., \$13.00.

Allegro Improved. Fringed deep salmon, the flowers are larger, more fully double and the color brighter in this improved strain. The finest in its color class. 500 seeds, \$2.75; 1000 seeds, \$4.50; $\frac{1}{128}$ oz., \$8.50; $\frac{1}{64}$ oz., \$16.00.

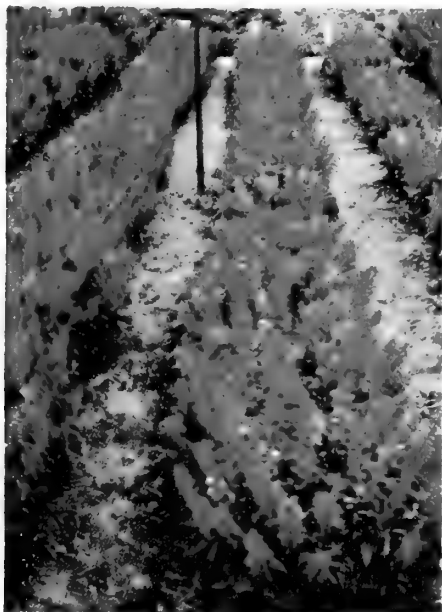
Caprice Improved. Deep fringed, bright rose flowers. The flower is more double and the plant more dwarf and compact than the original strain. 500 seeds, \$2.75; 1000 seeds, \$4.50; $\frac{1}{128}$ oz., \$8.50; $\frac{1}{64}$ oz., \$16.00.

All Double Rhapsody (Pan American). Deep burgundy wine-purple flowers of good size, fully double, dwarf free branching plants. 100% large flowered. A new color in Petunias. Trade pkt., \$4.50; $\frac{1}{2}$ trade pkt., \$2.75; $\frac{1}{128}$ oz., \$8.50; $\frac{1}{64}$ oz., \$16.00.

Glorious Mixture. (Pan-American Strain.) A formula mixture containing all the tall and dwarf types in a blend of deep salmon, bright rose, midnight purple and pure white. 500 seeds, \$2.25; 1000 seeds, \$4.00; $\frac{1}{128}$ oz., \$7.50; $\frac{1}{4}$ oz., \$14.50; $\frac{1}{32}$ oz., \$28.00.

Canadian Mixture Improved. Full double flowers in a blend which include rose, pink salmon, white and mauve. $\frac{1}{2}$ Trade pkt., \$2.00; Trade pkt., \$3.50; $\frac{1}{128}$ oz., \$6.65; $\frac{1}{64}$ oz., \$12.60; $\frac{1}{32}$ oz., \$24.00.

All Double Orchid (Burpee). Rich light orchid color with deep rosy-purple veins. Intense ruffling and deep fringing add to the beauty of the large blooms, 4 to $4\frac{1}{2}$ inches across. Free flowering the best of the orchids or lavenders, perfect for pots. Trade pkt., \$4.50; $\frac{1}{2}$ trade pkt., \$2.75; $\frac{1}{128}$ oz., \$8.50; $\frac{1}{64}$ oz., \$16.00.



SALVIA ST. JOHN'S FIRE

New Saintpaulias

Blue Fairy Tale. Extra large flowers of ultramarine blue with bright yellow eye coming 100% true from seed. Very free flowering. Strong bushy plants with foliage of a rich dark green will measure 12 to 14 inches across with good culture in 10 to 12 months. Trade pkt., \$1.50.

Hybrids. Flowers are in varied shades of blue; the plants dwarf, bushy and compact with leaves of dark green. Trade pkt., \$1.50.

Ionantha Grandiflora. Dark blue flowers, small velvety green leaf. While not new, this is still popular. Trade pkt., \$1.50.

Improvements in Verbenas

Verbena Bush Type. Plants of uniform bushy habit about 8 to 10 inches high, dense flower heads closely massed across the flat-topped plants. Most suitable for borders.

Firelight. The most vivid red Verbena. Masses of large blooms closely spaced provide a carpet of fiery brilliance unequalled for bed or border. Trade pkt., 60c; 1/4 oz., \$1.35; oz., \$4.50.

Roselight. A bright rose-pink with white eye. Trade pkt., 60c; 1/4 oz., \$1.35; oz., \$4.50.

Salmon Queen. A pleasing shade of bright salmon pink with small white eye. Trade pkt., 60c; 1/4 oz., \$1.35; oz., \$4.50.

Snow White. Large flowered pure white. An excellent companion to other colors of this new Verbena Strain. Trade pkt., 60c; 1/4 oz., \$1.35; oz., \$4.50.

Starlight. Bright mid-blue with creamy-white eye. Trade pkt., 60c; 1/4 oz., \$1.35; oz., \$4.50.

Mixed. This well-balanced mixture includes the above as well as others selected from the introducer's breeding grounds. Trade pkt., 60c; 1/4 oz., \$1.35; oz., \$4.50.

Verbena Gigantea

Salmon King. The largest flowered salmon Verbena. The color is a clear, deep salmon; plant tight and compact which eliminates the open center. Trade pkt., 40c; 1/4 oz., 85c; oz., \$3.00.

Vivid. A brilliant sunproof scarlet, brighter and more intense than Spectrum Red. Large uniform trusses, proportionately large florets. Compact plant, 8 inches tall. Trade pkt., 40c; 1/4 oz., 85c; oz., \$3.00.

Vivid New Salvia

Brightness. Plants grow as tall as the old Splendens Type but the habit is more compact and the bloom earlier, coming into flower with Bonfire. Trade pkt., 50c; 1/4 oz., \$1.15; oz., \$4.00.

St. John's Fire. Our own re-selected strain coming into flower early, while plants are but a few inches tall, remaining in flower until frost. The bright scarlet spikes stand densely and rigidly upright above the foliage on the uniformly compact plant. Trade pkt., 85c; 1/8 oz., \$1.55; 1/4 oz., \$2.75; 1/2 oz., \$4.75; oz., \$8.50.

Stocks Non-Branching Column

White Giant. Long stemmed pure white, without trace of green. Florets of good size, closely set on strong stems. 1/2 trade pkt., 70c; trade pkt., \$1.15; 1/8 oz., \$1.50; 1/4 oz., \$2.75; oz., \$10.00.

Pink Giant. A rich rose almost identical to Rose Pink No. 14, except for brighter center. Large florets closely set on long stems. Trade pkt., \$1.15; 1/2 trade pkt., 70c; 1/8 oz., \$1.50; 1/4 oz., \$2.75; oz., \$10.00.

Outstanding New Zinnias

Persian Carpet (Honorable Mention All America Selections 1952). Fully double ball-shaped flowers of the miniature type in a sparkling range of variegated colors. Flowers the size of a silver dollar, resemble tiny dahlias, each with pointed petals tipped with contrasting colors. Stems sufficiently long for cutting; ideal as an edging plant. Dainty foliage unlike that of the usual Zinnia. Colors rich and deep and the plants mound-shaped and compact. Trade pkt., 50c; 1/4 oz., \$1.50; oz., \$4.50.

Riverside Beauty. Warm rich azalea-pink flower on long strong stems. Petals are twisted and curled presenting an informal appearance with no trace of stiffness, making it valuable for cut-flower as well as garden use. Flowers often measure 5 to 5 1/2 inches across. Trade pkt., 50c; 1/4 oz., \$1.00; oz., \$3.00; 1/4 lb., \$9.00.

Floradale Scarlet. The intense scarlet-red flower is unusually graceful in form, with twisted and curled petals that give it an informal air without trace of stiffness. Strong vigorous stems, up to 30 in. tall, with flowers often measuring 5 in. across. Trade pkt., 25c; 1/8 oz., 50c; 1/4 oz., 90c; oz., \$2.75.



ZINNIA PERSIAN CARPET

Vaughan's The World's Best Flower Seeds

If sold out of any variety ordered, we will supply a similar one of equal or superior quality, unless otherwise specified on your order.

TESTING Every lot of flower seed sold by us is tested in OUR OWN laboratory, where we prove the germination and make certain that the percentage is up to the high level of our standards.

Flower Seeds for Summer Sowing—We issue a special catalogue in June. Should you fail to receive one, please write for it.

For Seeds of Perennials and Biennials, see Pages 39 to 51.

Trade packets contain considerably more seed than ordinary or retail packets, being based on Florists' needs for commercial purposes.

Florists invariably get trade packets unless otherwise specified.

Quantities of $\frac{1}{4}$ lb. and over are charged at the pound rate, unless stated otherwise; $\frac{1}{8}$ lb. is at the oz. rate.

This List Cancels All Previous Offers

Cash Discounts on Flower Seeds: On all orders for flower seeds, totaling less than \$25.00, 5%; and over \$25.00, 8% may be deducted if cash is enclosed.

Abutilon Hybridum Maximum Mixed. Giant flowers; leaves very ornamental and often variegated. 3 to 4 ft.	Trade pkt.	Oz.	
.....			\$0.40
Acroclinium Double Giant Mixture. Excellent fresh cut flower. When used for winter bouquets, cut when buds begin to open.	$\frac{1}{4}$ oz., 35c	.20	\$1.10
Agapanthus Umbellatus (Blue Lily of the Nile). Does well out of doors in all southern states.	$\frac{1}{4}$ oz., 75c	.40	2.80

Ageratum

Sow seed early to have good sized plants for spring. Plants from seed will vary some in habit.			
Mexicanum. Tall blue, for cutting. 2 ft.	$\frac{1}{4}$ oz., 55c	.30	1.70
Album. Tall white, 2 ft.	$\frac{1}{4}$ oz., 55c	.30	1.70
Blue Ball Improved. 4-5 in.	$\frac{1}{4}$ oz., \$1.00	.40	3.60
Blue Bedder. 4 in. Uniform compact plants bearing clusters of lavender-blue flowers. The color is deeper than that of Blue Ball.	$\frac{1}{8}$ oz., 95c; $\frac{1}{4}$ oz., \$1.65	.40	5.50
Blue Cap. 4 in. Dwarf compact habit. True blue flowers. Very uniform.	$\frac{1}{4}$ oz., \$1.00	.45	3.60
Blue Perfection. True blue. 6 in.	$\frac{1}{4}$ oz., 45c	.25	1.60
Fairy Pink. Dwarf and compact habit, flowers delightful soft salmon-rose	$\frac{1}{8}$ oz., \$1.00; $\frac{1}{4}$ oz., \$1.80	.60	6.20
Imperial Dwarf White. 6 in.	$\frac{1}{4}$ oz., \$1.40	.40	4.40



ALYSSUM Vaughan's Little Gem

AGERATUM MEXICANUM—Continued	Trade pkt.	Oz.
King of the Blues. Dwarf, small foliage, clusters deepest blue flowers.	$\frac{1}{4}$ oz., \$1.00	\$0.40 \$3.60
Midjet Blue. A delightful little plant being uniformly dwarf and true to color from seed. The delicate fine foliage is practically smothered with small true Ageratum blue flowers.	$\frac{1}{8}$ oz., \$1.00; $\frac{1}{4}$ oz., \$1.80	.60 6.20
Golden (Lonas Inodora) 10 in. Clustered fluffy flowers of a rich yellow. Excellent for edgings.	$\frac{1}{16}$ oz., \$1.00; $\frac{1}{8}$ oz., \$1.80	.60
Lasseauxi. Clear pink, excellent as cut flowers. 2 ft.	$\frac{1}{4}$ oz., 90c.	.40

Agathea Coelestis (Blue Daisy). Very free flowering, fine for cutting. Start seed early. 30 in.	$\frac{1}{4}$ oz., 70c	.30
Aloe Variegata or "Partridge Breast Aloe," the finest and most favored quick growing succulent with beautifully variegated leaves. Seedlings of 9 to 12 months of age, potted up in Tom Thumb pots, are salable in unlimited quantity. 100 seeds, \$1.65; 500 seeds, \$7.20; 1,000 seeds, \$12.50.		

Alyssum Vaughan's Little Gem. Although one of the older standard varieties, we believe our strain surpasses all others for uniformity of height and form. It makes a neat, compact edging plant. 6 in.	$\frac{1}{4}$ oz., 35c; 4 oz., \$3.85	.20 1.10
---	---------------------------------------	----------

Snow Cloth. A special selection, each plant absolutely flat and a compact mass of white without green center. This variety comes into bloom two weeks earlier than other varieties.	$\frac{1}{4}$ oz., 30c; 4 oz., \$2.90	.20 .90
--	---------------------------------------	---------

Violet Queen. A very pretty bright violet tint. It has the usual honey-like odor of the white variety.	$\frac{1}{4}$ oz., 45c	.20 1.40
Compactum Lutescens. Straw yellow. 6 in.		.30 .90
Maritimum (Sweet Alyssum). 10 in.	lb., \$3.20	.15 .35

Amaranthus Molten Fire. Fiery crimson and maroon	$\frac{1}{4}$ oz., 40c	.20 1.35
Oeschberg. 4 ft. Foliage of reddish-green, with 20 inch full-feathered plume. Most unusual and attractive.	$\frac{1}{4}$ oz., 80c.	.35 2.80
Tricolor Splendens. Very beautiful foliage. 3 ft.	$\frac{1}{4}$ oz., 40c	.20 1.35
Vaughan's Special Mixture	$\frac{1}{4}$ oz., 40c	.20 1.35



AGERATUM Midjet Blue

"SNAPS" for Greenhouse Forcing



ANTIRRHINUM Christmas Cheer, Ethel, Better Times

Snapdragon being one of the leading Florist Greenhouse crops, we have followed very closely the development of the Winter Flowering or Forcing type and offer the following approved varieties.

Varieties followed by (X) are sold in ½ trade pkts. at 60c each.

If you are not growing Hybrid Snapdragons, suggest you try them. Due to their vigor these Early Hybrids give maximum production as a Winter Crop.

YELLOW

	Trade pkt
Ethel. A large, bright yellow flower, winter bloomer, well formed head, good stems.....	\$1.50
Gilbert's Yellow. Bright yellow. Gives a high percentage first grade flowers.....	2.00
Gold Mine (Weddle). Hybrid. Deep golden yellow, slightly fringed. Early, with strong fine stems and spikes with excellent placement of large florets..... ½ Trade pkt., \$1.75	3.00
Goldrush. (Winkler). Hybrid. A hybrid for greenhouse forcing to fill the need for a vigorous, free-flowering yellow snapdragon. The large florets are deep Jonquil yellow slightly ruffled, producing a long, well filled spike. Sown early it will yield up to three full crops, very uniform..... ½ Trade pkt., \$2.00	3.50
Patricia (Yoder). Hybrid. The medium-sized florets of rich yellow with full deep yellow lower lip are borne on long spikes. Vigorous grower; fast taking the lead as the best yellow for winter blooming and cloth house culture..... ½ Trade pkt., \$1.75	3.00
Schlegel's Yellow. Early and vigorous grower for early and late flowering.....	1.50
Witterstaetter's Yellow. A large floreted strong deep yellow spike of vigorous non-grassy growth which can be pinched low. Should be planted after "Mums".....	2.50
Yellow Hybrid No. 1 "Golden Spike". (Ball) A rich golden yellow with long stems and flower spikes; very productive. Can be flowered in January from a mid-July sowing..... ½ Trade pkt., \$2.00	3.50

PINK AND ROSE SHADES

Better Times (Windmiller). Hybrid. A real American Beauty rose red. It is a first cross like Christmas Cheer but a deeper color. Excellent for Christmas and Valentine's Day	Trade pkt. \$2.00
Charm (Hodaly). A rich, lively rose with excellent placement of the florets, and a full flower stem. With an early July sowing the bench will be in full bloom, under average conditions, by January 20th.....	2.50
Christina (Yoder). Hybrid. The best light rose pink Hybrid, slightly deeper in color than Mary Ellen and with larger florets. A vigorous medium early variety with almost no side growth..... ½ Trade pkt., \$1.75	3.00
Christmas Cheer (Windmiller). Hybrid. The earliest rose-pink. Fine spike, excellent for Christmas and comes back for second and third crops..... ½ Trade pkt., \$1.75	3.00
Delworth's Supreme. A Canadian introduction by the well known grower Cecil Delworth. It is a selection of Cheviot Maid, made over a period of ten years for earliness and uniformity.....	1.50
Dorcas Jane (Dorcas). Hybrid. Light pink slightly larger flower than Mary Ellen and shade deeper and a little earlier, with a clean habit of growth and outstanding vigor..... ½ Trade pkt. (1,000 seeds) \$1.50; 2,000 seeds	2.50
Gilbert's Pink Queen Supreme. This is several shades deeper than Cheviot Maid Supreme and is particularly noted for the fact it produces perfect flower-heads.....	2.00
Gilberts Pamela Pink (Gilbert). A good medium pink with flower spikes ranging from eight to sixteen inches long, having very good stems and clean foliage. An early winter flowering variety..... ½ Trade pkt., \$1.75	3.00
Kathleen (Hoffman) Hybrid. A fast growing, pastel pink with long spike and well spaced florets. The outstanding features of this variety are its excellent keeping and shipping qualities and its ability to withstand high greenhouse temperatures in Spring and Fall. A June 1st sowing will produce three full crops. A favorite in the New York Market..... ½ Trade pkt., \$1.75	3.00
Maidens Blush Improved. Appleblossom pink with white tube.....	1.50
Marie Louise. Beautiful sea-shell pink. Strong and free-branching, producing long strong stems with compact flower spikes, with flowers closely set.....	2.00
Mary Ellen (Yoder). Hybrid. A light rose pink, blooming freely and evenly in winter. It is characterized by a stiff stem with very little side growth and a long head with medium sized, evenly spaced florets... ½ Trade pkt., \$1.50	2.50
Maryland Pink Improved. (Winkler) Hybrid. The improved strain of this popular pastel pink hybrid is early and free flowering with a stronger stem and larger spike..... ½ Trade pkt., \$2.00	3.50
Maxine (Smith). Hybrid. In color this resembles Dorcas Jane with a bit more yellow in the lip. Has fine strong stem; no grassy growth; comes back quickly for a second crop..	3.00
Peggy Schumann Pink. A large close-flowering spike on a strong, sturdy stem; will not shatter and produces no blind shoots.....	2.00
Rose Queen. Dark pink X.....	1.00
St. Louis Pink (Rowe). Beautiful shade of silvery pink, the well placed flowers being produced on wiry stiff stems....	1.50
Yoder's Cheviot No. 33. One of the parents of Mary Ellen; is uniform rose-pink, slightly deeper than Mary Ellen but with the same long stems and early flowering habit.....	1.50

RED

Priscilla Ann (Yoder). Hybrid. Long graceful spikes with large velvety-crimson florets. At times a faint touch of yellow is noted on the lip. The earliest crimson..... ½ Trade pkt., \$1.75	3.00
Red Lips. Wine-red with gold lip and white tube.....	2.00
Schumann's Velvet Red. A true dark red velvet..... ½ Trade pkt., \$1.75	3.00
Shisler's Red. Glowing wine-red, 100% true to color, uniform growth with an excellent wiry stem free of grass....	2.00
Witterstaetter's Red. Large florets of rich velvety red on well spaced spikes. Should be planted after "Mums".....	2.50
Red Hybrid No. 7. (Ball) Rich scarlet-crimson. Mid-July sowing will flower for Christmas in Chicago Area..... ½ Trade pkt., \$2.00	3.50

"SNAPS" For Greenhouse Forcing—Cont'd

WHITE

Trade pkt.

- Junglewood White** (Junglewood Greenhouses). Dazzling white; deep green foliage; tall, sturdy, whiplike stems; long spikes of closely set florets; a shatterproof quality, which permits an unusual number of flowers to be open before cutting..... ½ Trade pkt., \$1.25 \$2.00
- Koester's White.** It is earlier and a stronger grower than White Wonder and just as pure white and clean a grower and more substantial spike of slightly ruffled flowers..... 1.50
- Lucky Strike Improved.** Popular pure white, grows three to four feet with full spike of flowers. Blooms earlier than the original; does not drop or shatter..... 1.50
- Margaret** (Yoder). The most popular White on the market. A winterblooming ivory white, whiter than Lucky Strike but not as white as White Wonder. The stem is exceptionally stiff and there is almost no sidegrowth. The florets are of medium size; last a long time and do not shed..... 2.00
- Maryland White** (Winkler) Hybrid. Large paper white florets on strong stem. Early, free flowering..... ½ Trade pkt., \$2.00 3.50
- Schlegel's White.** Early and vigorous grower for early and late planting..... 1.50
- Schumann's White.** A close flowering pure white on a strong sturdy stem. Longer stem, larger head and larger individual florets than White Peggy, over which it is an improvement. No excess foliage and will not shatter. Will produce a good crop from early sowing. An excellent companion to Peggy Schumann Pink..... ½ Trade pkt., \$1.50 3.00
- Snowdrift** (Double). A fine novelty, with spike of purest white. Comes 90% true double from seed. Sow to follow "Mums"..... ½ Trade pkt., \$1.75 3.00
- Tommy Armstrong.** A pure white at its best in February. Good stems, florets closely set and will not shatter. July sowing for January-February crop; November-December sowing for Easter and Mother's Day..... 3.00

LAVENDER

- Ball's Lavender.** A rich lilac lavender, fine spike and long stemmed..... 1.50
- Schumann's Lavender.** Excellent, large flowered rose lavender for spring blooming. Full heavy spikes..... 2.00
- Windmill's Lilac.** Excellent orchid, true to type and color, hard wiry stems, small foliage, productive..... 2.00
- Witterstaetter's Orchid.** A large well spaced spike, with a rich, even orchid color; can be pinched low..... 2.50

BRONZE SHADES

- Afterglow.** Golden bronze, Spring flowering X 1.00
- Barbara** (Yoder). Hybrid. The large bronze florets, with pink throat and bright bronze lips, are borne on long spikes. Vigorous grower. The earliest of the bronze group..... ½ Trade pkt., \$1.75 3.00
- Glorious** (Frank). A highly attractive reddish copper with yellow lip. Popular in Chicago retail trade..... 1.50
- Lady Dorothy.** Red-bronze with a glowing quality under artificial light. The color is somewhat similar to Glorious, but it is a true winter-flowering variety..... 3.00
- Schlegel's Early Bronze.** Bright copper hood with lower part shading from deep gold to apricot. Well spaced florets on stiff stem, averaging 3 ft. in height. An early July sowing will come into bloom for Christmas..... 2.00
- Talisman** (Windmill). Double, all bronze, true to type and color, early and continuous, a fancy flower for retail trade. Excellent for combination..... 2.00
- Witterstaetter's Bronze.** Well spaced spike, with a bright clear gold color. Can be pinched low. Should be planted after "Mums"..... 2.50
- Greenhouse Varieties Vaughan's Special Mixture.** With pinks predominating..... 1.00



ANTIRRHINUM LARGE-FLOWERING HALF-DWARF

Non-Resistant "Snaps"

LARGE-FLOWERING HALF-DWARF SORTS

Plants of medium height for bedding, flat sales and combination work. Very free flowering, coming into bloom early and continuing through until killed by frost. They caused much comment at our Trail Grounds where we tested them this past Summer.

- Black Prince.** Deepest crimson, dark foliage, very early.
- Dazzler.** Bright scarlet.
- Eclipse.** A brilliant fiery crimson of ideal habit.
- Exquisite.** Soft silvery pink, with broad cream lip.
- Golden Queen.** Brightest golden yellow.
- His Excellency.** Purest fiery scarlet, without trace of orange.
- Rose Eclipse.** Intense rose pink.
- Royal Cerise.** Bright cerise carmine.
- St. George.** Distinct orange-cerise.
- Victory.** Rich terracotta orange shading to yellow in center.
- Each of the above,** ¼ oz., \$1.10; ½ oz., 70c; Trade pkt., 40c.
- Vaughan's Special Mixture.** The above in a finely-proportioned blend. ¼ oz., \$1.10; ½ oz., 70c; trade pkt., 40c.

COLOSSAL

A strain of tremendous vigor that produces strong 3 ft. stems filled with very large florets. Comes into flower early and continues through a long season. A fine cutting variety which is extremely popular in the East, where it originated.

Crimson **Orange Shades**
Pink Shades **White** **Yellow**

Each of the above, ¼ oz., \$1.40; ½ oz., \$2.50; oz., \$7.50; Trade pkt., 50c.

Mixed, the above, ¼ oz., \$1.40; ½ oz., \$2.50; oz., \$7.50; Trade pkt., 50c.

Non Resistant "Snaps" Con't.

Golden Rod. (Giant Flowered semi-tall). Bright golden yellow flowers which fill the thick, erect spike. Excellent for cutting. 2½ ft.	Trade pkt. Oz.		
..... ½ oz., 95c; ¼ oz., \$1.65	\$0.40	\$5.50	
Naramek Strain Mixed. A vivid mixture including two-tone combinations of yellow-bronze, pink-rose, yellow-ruby and orchid-rose. Many oddly marked and streaked. Strong spikes, large individual florets.	½ oz., 95c; ¼ oz., \$1.65	.40	5.50
Velvet Giant. Large flowers with a pronounced velvety texture and deep crimson hue, attractively illumined with an under-tone of orange-bronze. Tall growing, base branching, excellent for cutting.	½ oz., 60c; ¼ oz., 95c.	.40	2.75

GIANT RUFFLED "TETRA SNAPS"

Appleblossom. (New). Glistening pink with white tube. See Novelties.	1/16 oz., \$1.10; 1/8 oz., \$1.90	.60	.....
Brilliant Rose. (New). True rose pink. See Novelties.	1/16 oz., \$1.10; 1/8 oz., \$1.90	.60	.....
Orchid. Rich orchid-purple with sulphur-yellow blotch on lower lip. See Novelties.	1/16 oz., \$1.10; 1/8 oz., \$1.90	.60	.....
Pink Shades. (New). Ranging from light pink to deep rose. See Novelties.	1/16 oz., \$1.10; 1/8 oz., \$1.90	.60	.....
Yellow. A clear yellow. See Novelties.	1/16 oz., \$1.10; 1/8 oz., \$1.90	.60	.....
Vaughan's Tetra Supreme Mixed. A complete range of color from shell pink to deepest rose, dark bronze through orange to pale yellow with many other interesting color combinations. Illustrated in color Inside Front Cover.	1/16 oz., 70c; 1/8 oz., \$1.25; 1/4 oz., \$2.00	.40	6.75

DWARF SORTS

Baby Rose. Very free flowering, compact plants covered with flowers of a deep, pink self tint.	½ oz., \$1.10	.40	....
Magic Carpet Mixed. A Snapdragon of almost creeping habit, fairly covered during the summer with flowers. Useful for border or rock garden.	½ oz., \$1.10	.40	....
Tom Thumb. Fine for pots and edging. 6 in.			
Red Rose White Yellow.			
Each of the above.	¼ oz., 80c	.30	....
Mixed.	¼ oz., 80c	.30	....

"MAJESTIC" HALF DWARF SORTS

A type of Snaps, with flowers of the "Maximum" sorts and height of the "Half Dwarfs." An exceptionally good variety for plant sales and bedding work.

Avalanche. Pure White.			
Dawn of Day. Rose pink and apricot.			
Delight. Apricot.			
Eldorado. Yellow.			
Evensong. Chamois.			
Golden Dawn. Golden buff, overlaid salmon.			
Orange King. Rich orange.			
Red Chief. Rich deep scarlet.			
Rose Beauty. Rose-pink self.			
Rose Marie. Light salmon, gold center.			
Startler. Glowing cerise, quite distinct.			
Twilight. Delicate rosy salmon.			
Each of the above.	¼ oz. \$1.10	\$0.35	\$4.00
Majestic Varieties, mixed.	¼ oz., 85c	.30	3.00
Rose Princess. Giant flower, brilliant cerise rose with center overlaid gold.	½ oz., \$1.10	.60	....

Anchusa Capensis Blue Bird. Vivid indigo, 18 in.,	¼ oz., 30c.	.20	.90
Aralia Sieboldi. 100 seeds, 40c; 1,000 seeds, \$3.30.			
Arctotis Large Flowering Hybrids. Flowers resemble those of Gerbera. Numerous beautiful colors. 2½ to 3 in. across in shades of apricot, bronze, brown, pink, red, scarlet and yellow besides pure white. 1 ft.	¼ oz., \$1.10	.40	4.00

Rust Resistant Strains

By growing Rust-Resistant seed, there is a better germination, plants are more vigorous, foliage remains clean and the flowers are large and of excellent color. There will be a longer flowering season as well.

MAXIMUM OR SUPER GIANTS—2¾ ft.

Individual flowers are large, with heavy flower spikes. Especially recommended for outdoor cutting and flat sales.

Alaska. White.	Golden Glory. Deepest yellow.
Appleblossom. Rose pink, white tube.	Indian Summer. Coppery rose scarlet.
Campfire. Pure luminous scarlet.	Loveliness. Pure soft rose-pink.
Canary Yellow.	Pink Sensation. Pure pink, frilled flowers.
Copper Queen. Burnished copper.	Red Cross. Glowing velvet crimson.
Crimson. Fiery crimson.	Salmon Rose Shades.
	Swing Time. Rose-pink.

Each of the above.	½ oz., 50c; ¼ oz., 90c	\$0.30	\$3.20
Vaughan's Maximum Mixture. Contains all of the above in finely proportioned blend.	½ oz., 50c; ¼ oz., 90c	.30	3.20

LARGE FLOWERING TALL 2½ ft.

(Majus Grandiflorum)

Brilliant Rose. True rose pink.			
Cherry Rose. It is the most brilliant shade of deep cherry rose. The plants are base-branching with straight stems of long spikes all with large well placed flowers.			
Daintiness. Rose-pink, white throat.			
Orange Shades.			
Padre. A glistening crimson, rich and beautiful.			
Reveille. Rich yellow.			
Rosalie. A rich deep rose with underlying tone of topaz or amber. The tube and lip are the same color. The plants are base-branching and produce 6 to 8 huge flowering spikes.			
Shasta. Pure white, extra free flowering			
Spotlight. A vivid copper scarlet, both flower and tube being one color.			
Yellow Jacket. A clear deep yellow.			
Each of the above.	¼ oz., 85c	\$0.30	\$3.20
Vaughan's Majus Grandiflorum Mixture. A truly outstanding blend.	¼ oz., 85c	.30	3.20

SUPER MAJESTIC 16 to 20 in.

Extra large flowers with medium long stems.			
Harmony. Terra cotta and yellow shaded rose.			
Orchid Shades	Orange Shades		
Pink and Rose Shades	Red Rocket		
Royal Crimson.			
Each of above.	¼ oz., \$1.10	.40	4.00
Vaughan's Super Majestic Mixture. This wonderful mixture contains all of the above varieties plus many other pleasing combinations.	¼ oz., 90c	.40	3.30

Vaughan's Special Mixture. All Rust Proof varieties. Trade pkt., 40c; ¼ oz., 95c; oz., \$3.30.

Asparagus

Plumosus Nanus. Carefully harvested, hand-picked, plump, well-matured seed of this is a specialty with us. 100 seeds, 30c; 250 seeds, 70c; 1,000 seeds, \$2.50; 5000 seeds, \$10.00; 10,000 seeds, \$18.50.

Sprengeri. 100 seeds, 30c; 250 seeds, 70c; 1,000 seeds, \$2.50; 5,000 seeds, \$10.00; 10,000 seeds, \$18.50.

Bachelor Button. See Centaurea Cyanus.

Brachycome Iberidifolia (Swan River Daisy). 12 in. Trade pkt. Oz. Mixed. \$0.25 \$1.60

Briza Maxima. Graceful panicles which tremble in the slightest breeze. 12 to 18 inches.30 1.10

Asters

WILT-RESISTANT

Protect Asters with Insecticides Containing D.D.T.

To kill leaf hoppers, which transmit the yellow disease, for which there has hitherto been no reliable treatment. Occasional spraying or dusting with this lasting insecticide should protect your asters from infection, which is the chief enemy of these beautiful flowers in sections where the wilt disease is not established in the soil. We recommend Protexall D. D. T. 5% dust, and D. D. T. 50% wettable dust. Wilt Resistant varieties are resistant only to wilt, but in general are more vigorous, and less susceptible to other infections. Whenever a variety can be offered in a wilt resistant strain, we omit its non-resistant counterpart from the list.

As the roots of Asters are produced near the surface, a mulch of some kind spread over them in hot weather is very beneficial and will be repaid by fine plants, large blooms, stronger stems, and more profuse blooming.

Our Aster Mixtures are Formula-Made and contain a high percentage of the most popular Florist Colors.

ASTERS IN MIXTURE

	Trade pkt.	Oz.
Vaughan's Florists' Mixture Wilt-Resistant Varieties. Perfectly balanced mixture of best commercial colors. 1/4 oz., 60c	\$0.35	\$2.00
Vaughan's Special Mixture of Wilt-Resistant Varieties. This is a mixture of the most beautiful and distinct colors of the tall-growing Asters. 1/4 oz., 80c	.35	2.70
Single Rainbow Mixture. Wilt-Resistant. A midseason variety, growing 24 to 30 inches tall. It has a good sized single Aster flower in a range of colors almost exclusively, various shades of light blue, dark blue and even violet, rose and crimson. There is no white in the mixture and no flesh pink. Upright growth. 1/4 oz., 60c	.35	2.00

CREGO—2 feet

This flower is giant in size, many blossoms six inches across. The petals are nearly double the length of the older varieties and are twisted and curled into a very fluffy effect. Comes into bloom in August, continuing well into September. A splendid keeper and shipper.

Azure Blue	Crimson	Lavender	Purple
Blue Flame	Deep Rose	Mid-blue	Violet
Cattleya (Orchid shades)		Pink	White
Trade pkt. Oz.			
Each of the above. 1/4 oz., 65c	\$0.35	\$2.00	
Crego Formula Mixed. 1/4 oz., 60c	.35	2.00	

EARLY BEAUTY—2 to 3 feet

Plants of branching habit, commencing to bloom in early September and lasting until destroyed by frost. Flowers large, borne on long and stout stems, from 18 to 24 inches.

Azure Blue	Crimson	Carmine Rose	Purple	White
September Beauty (delicate shell pink)				
Trade pkt. Oz.				
Each of the above. 1/4 oz., 65c	\$0.35	\$2.00		
Early Beauty Formula Mixed. 1/4 oz., 60c	.35	2.00		

EARLY GIANT

The flowers are full petaled with broad, graceful petals, daintily plumed and intertwined, 4 to 5 inches across. Plants 1 1/2 to 2 ft. tall with branches coming low on the central spike, with practically no laterals or side branches. As early as the Royals and with the large flowers of the Crego type.

Light Blue. 1/4 oz., 90c	\$0.40	\$3.00
Peachblossom. Opens white, flushes lavender pink. 1/4 oz., 90c	.40	3.00
Rose Marie. Rich lively shade of rose. 1/4 oz., 90c	.40	3.00
Early Giant Formula Mixed. 1/4 oz., 90c	.40	3.00

GIANT BRANCHING

Excellent for cut flowers. The branching habit is accompanied by vigor of growth and profusion of bloom. The flowers are large, very double, stems long and colors vivid. 2 to 3 ft.

Crimson	Pink	Sensation (deep red)
Deep Rose	Purple	White
Lavender		
Trade pkt. Oz.		
Each of the above. 1/4 oz., 65c	\$0.35	\$2.00
Giant Branching Formula Mixed. 1/4 oz., 60c	.35	2.00



ASTER ROYAL MIXED

THE ROYAL—2 feet. Early-Flowering Branching

This type fills a gap between the Queen of the Market and the Late-Flowering Branching Asters. Sown early inside, and planted out with Queen of the Market, it follows that variety very closely.

Lavender (Azure Blue)	Scarlet
Peachblossom	Shell Pink
Purple	White
Rose-Pink	
Trade pkt. Oz.	
Each of the above. 1/4 oz., 65c	\$0.35 \$2.00
Royal Formula Mixed. 1/4 oz., 60c	.35 2.00

PRINCESS NEW CRESTED—2 feet

Princess Asters have full crested centers surrounded by several rows of strong guard petals. Flowers are fine keepers. Early and free bloomers. Illustrated in color on our Inside Back Cover.

Princess Anne. Delicate pink turning to rose as they mature.
Princess Barbara. Orchid color.
Princess Bonnie. Beautiful soft salmon rose with a center of rich gold.

Princess Elizabeth. Pure white.
Princess Golden Sheaf. Yellow self. By feeding this item heavily and giving partial shade, there will be a fine long stem growth and a good strong yellow color.

Princess Linda. Clear rose. A true florist rose. Excellent for cutting.

Princess Margaret. True rose.
Princess Marsha. Rich cinnabar scarlet.
Princess Pat. (New). Bright crimson. See Novelties.
Princess Susan. Clear deep blue.
Princess Formula Mixed. Includes all the new colors.

Each of above. 1/4 oz., 90c	\$0.40	\$3.00
-------------------------------------	--------	--------

QUEEN OF THE MARKET—18 inches

The Standard Early-Flowering Type

Azure Blue	Crimson	Dark Blue	Flesh Pink
Light Blue	Scarlet	White	Rose
Ballet Queen. Deep salmon rose			
Trade pkt. Oz.			
Each of the above. 1/4 oz., 65c	\$0.35	\$2.00	
Queen of Market Formula Mixed. 1/4 oz., 60c	.35	2.00	
Ballet Type Mixed. Extremely early, larger flowered than the ordinary Queen of the Market strain, with a distinctive crested center, which makes it exceptionally double. Highly resistant to wilt. 1/4 oz. 60c			
	.35	2.00	

ASTERS Wilt Resistant—Continued

OTHER VARIETIES

White Early. Selection for resistance has not left this quite so large and fine as the original, but a very excellent white. Sept. 5-10.

White Late. Typical American Branching type and habit. Fine long stem and size. Sept. 10-15.

Deep Rose. Extra bright shade of deep rose with attractively incurved petals, medium size, extra long stem and highly resistant. August 20 - September 1.

Deep Purple. Attractive bright deep purple.

Each of the above 4 varieties, trade pkt., 35c; ¼ oz., 65c; oz., \$2.00.

Giant Mammoth Peony Flowered, Silvery Rose. Trade pkt. Oz. Immense, fully double flowers resembling the Beauty type, borne on long, stout non-lateral stems. 2½ to 3 ft. ¼ oz., 70c \$0.35 \$2.20

Heart of France. Glowing ruby-red. ¼ oz., 80c .40 2.70

Pure White (Giant Incurved). Full double pure white. See Novelties. ¼ oz., \$2.50; ¼ lb., \$21.00 1.50 7.50

Shell Pink (Giant Incurved). Soft shell pink. See Novelties. ¼ oz., \$2.50; ¼ lb., \$21.00 1.50 7.50

Super Giants. Colors and Mixed. See Novelties.

Bouquet Type. See Novelties.



KING ASTERS

STANDARD BRED ASTERSKING

Large flowers, with quilled petals which curve inward, completely covering the crown. Rapidly becoming the most popular cutflower variety because of its highly decorative and lasting qualities. An excellent variety for shipping

Crimson	Salmon	Peachblossom	Shell Pink
Rose		Violet	White
Each of the above, ¼ oz., 65c	\$0.35	\$2.00	
King Formula Mixed, ¼ oz., 65c	.35	2.00	

CALIFORNIA GIANTS—2½ to 3 feet

They are of vigorous growth and of the Crego or Ostrich type of flower. They are partially non-lateral and the blooming season extends from midseason until cut down by frost.

Appleblossom	Crimson	Dark Purple	Deep Rose
Light Purple	Peachblossom	Light Blue	White
Loveliness. Rich, pure pink, touched with salmon. Trade pkt. Oz.			
Each of the above, ¼ oz., 85c	\$0.40	\$3.00	
California Giants Formula Mixed, ¼ oz., 80c	.35	2.75	

ASTERS—Continued

KIRKWELL—12 in.

Low growing, base branching plants, bearing as many as 40 flowers which average over 2 inches across and fully double. For cutting purposes will furnish long lasting bouquets for low vases; equally fine for the rock garden. Can be used in combinations for Mother's Day, if sown early.

Dark Blue **Rose Pink** **Salmon Pink**

Kirkwell Formula Mixed, includes the above and others.

Each of the above, Trade pkt. Oz.
..... ½ oz., \$3.20; ¼ oz., \$1.65; ⅛ oz., \$1.00 \$0.60 \$6.00

Super Giant Los Angeles. The flowers are large, are most artistic, due to the unusual curling and interlacing of the petals, giving a light feathery effect. The color is a pure shell pink. ¼ oz., 95c .40 3.30

Super Giant El Monte. Companion to above variety and exactly like it except in color, which is a deep glowing crimson. Blooms early and remains in flower over a long period. ¼ oz., 95c .40 3.30

CALIFORNIA GIANT SUNSHINE ASTERS

These are the result of a cross between the California Giants and Sunshine, hence the name. Plants of this race grow 3 feet high and bear blossoms on long, stiff stems, admirable for cutting. The individual blooms are enormous, 4 to 5 and 6 inches in diameter.

Mixed, all colors, ¼ oz. 85c Trade pkt. Oz. \$0.35 \$2.75

IMBRICATED POMPON ASTERS—20 in.

Flowers very freely produced, often as many as 20 to a plant. Blooms very early. The small round Pompon blossoms have an outside row of short guard petals.

Crimson **Light Blue** **Rose** **Scarlet** **White** Trade Pkt. Oz.

Each of above, ¼ oz. 85c \$0.40 \$3.00

Imbricated Pompon Formula Mixed, ¼ oz., 85c .40 3.00

Balsam

Bush Balsam. Flowers appear in clusters on top of stem instead of on sides. When grown in small pots, these make nice plants in bloom for spring sales.

Scarlet **Rose** **White** Trade pkt. Oz.

White Reflected Rose, ¼ oz., 70c \$0.40 \$2.50

Each of the above, ¼ oz., 70c .40 2.50

Bush Mixed, ¼ oz., 70c .40 2.50



BUSH BALSAM MIXED

Browallia Elata Blue. Trade pkt. Oz. \$0.25 \$1.10

Speciosa Major Blue. Large deep blue flowers. Fine for pots. ⅙ oz., \$2.25; ⅛ oz., \$4.00; ¼ oz., \$7.50 1.10

Viscosa Compacta Sapphire. Dark blue, white eye, dwarf compact plant for pots and bedding. ⅙ oz., \$1.10; ⅛ oz., \$2.00 .40

Begonias—Fibrous-Rooted

We have divided this family into three sections: the dwarf growing 6 to 8 in.; those of medium height 9 to 11 in.; the taller ones 12 in. and over.

DWARF, 6 to 8 INCHES

Pink Pearl. Of dwarf, compact habit 6 to 8 inches high, Trade
this Begonia is one of the very best for pot culture. The pkt.
plants form perfect balls and the flowers are well above the
fresh green foliage. We recommend it.....2,000 seeds \$1.50

Red Pearl. Same as above in type, and blooming habit.
Color, brilliant dark scarlet.....2,000 seeds 1.50

Snowbank. The best dwarf white Begonia, large flowered
pure white; very free flowering. Plants are compact and
uniform. Foliage a bright, clear green.....
..... $\frac{1}{4}$ oz., \$2.75; $\frac{1}{2}$ oz., \$5.00; Trade pkt., \$1.25.

Adeline (Improved Darling). Very dwarfest habit; bright Trade
pink flowers and green foliage, very attractive..... pkt.
..... $\frac{1}{4}$ oz., \$2.75; $\frac{1}{2}$ oz., \$5.00 \$1.25

Ball Deep Rose. Identical in habit to Adeline from which it
was selected. Under winter and spring conditions the color
is a deep rich rosy red which gradually fades to a bright
luminous pink with the coming of warmer weather.....
..... $\frac{1}{4}$ oz., \$3.25; $\frac{1}{2}$ oz., \$6.00 1.50

Ball Red. Fairly dwarf in growth and of uniform, perfectly
rounded habit. The plants are literally covered with
medium large flowers of the brightest scarlet red imaginable.
Much more brilliant and intense than King of the Reds or
Luminosa..... $\frac{1}{4}$ oz., \$3.25; $\frac{1}{2}$ oz., \$6.00 1.50

Ball White. A good white for pot-plant use.....
..... $\frac{1}{4}$ oz., \$3.00; $\frac{1}{2}$ oz., \$5.50 1.50

Bois de Vaux Rose. Vivid rose, floriferous pyramidal growth,
green metallic foliage, decorated with narrow red border,
compact, upright..... $\frac{1}{4}$ oz., \$2.50; $\frac{1}{2}$ oz., \$4.50 1.25

Dwarf Luminosa. Bright scarlet, free flowering. Excellent
pot plant..... $\frac{1}{4}$ oz., \$3.25; $\frac{1}{2}$ oz., \$6.00 1.25

Fire Sea. (Blaze of Fire). Fiery red flowers, green foliage.
..... $\frac{1}{4}$ oz., \$2.50; $\frac{1}{2}$ oz., \$4.50 1.25

King of the Reds. Very dwarf, glowing scarlet, foliage, green
edged bronze..... $\frac{1}{4}$ oz., \$2.75; $\frac{1}{2}$ oz., \$5.00 1.25

Tausendschon. Flowers lustrous rose, absolutely even in
growth and color. Plants are one mass of bloom..... 1.25

Vaughan's Special Mixture of Dwarf Varieties for pots
and bedding..... $\frac{1}{4}$ oz., \$2.75; $\frac{1}{2}$ oz., \$5.00 1.25

TALL, 12 INCHES AND UP

Christmas Cheer Red. A very large-flowered variety, color
dark crimson-scarlet..... $\frac{1}{4}$ oz., \$2.20; $\frac{1}{2}$ oz., \$3.75 1.00

Ile de France. The best white. The foliage is light green.
The flowers are $1\frac{1}{4}$ in. to $1\frac{1}{2}$ in., pure white, with bright
yellow stamens. They grow in compact form not to exceed
12 in. in height and approximately the same width. Fine
for Easter and Mother's Day..... $\frac{1}{4}$ oz., \$2.25 1.25

Illusion. A masterpiece among the Begonias. Flowers attractive
rose with a white blotch on every petal. Early
flowering. Does well in sun or shade. Foliage is true Be-
gonia green..... $\frac{1}{4}$ oz., \$2.75 1.25

Masterpiece. One of the largest flowered fibrous rooted
Begonias, and the clear rose-pink blossoms have made it a
great favorite. The flowers fairly cover the foliage.....
..... $\frac{1}{4}$ oz., \$2.50; $\frac{1}{2}$ oz., \$4.50 1.25

Vaughan's Special Mixture all Varieties......
..... $\frac{1}{4}$ oz., \$1.80; $\frac{1}{2}$ oz., \$3.00 1.25

MEDIUM, 9 to 11 INCHES

Carmen. Bright rose flowers, bronze foliage... $\frac{1}{4}$ oz., \$2.75 \$1.25

Indian Maid. Bright deep scarlet buds and flowers with deep
lustrous bronze foliage..... $\frac{1}{4}$ oz., \$2.75; $\frac{1}{2}$ oz., \$5.00 1.25

Luminosa. Deep dark scarlet flowers, foliage reddish brown.
..... $\frac{1}{4}$ oz., \$3.25; $\frac{1}{2}$ oz., \$6.00 1.25

Prima Donna. Limpid rose, shading to carmine, most beau-
tiful..... $\frac{1}{4}$ oz., \$2.25; $\frac{1}{2}$ oz., \$3.75 1.25

Scandinavia Pink. An outstanding large-flowered pink vari-
ety for pots. Plants are of good branching habit with
dark green foliage. Excellent for winter flowering.....
..... $\frac{1}{4}$ oz., \$3.00; $\frac{1}{2}$ oz., \$5.50 1.25



BEGONIA, Type of Pink Pearl and Red Pearl

BEGONIAS—Continued

Scandinavia Red. Like above except in color..... Trade
..... $\frac{1}{4}$ oz., \$3.00; $\frac{1}{2}$ oz., \$5.50 \$1.25
White Pearl. White..... $\frac{1}{4}$ oz., \$2.75 1.25

BEGONIA VARIETIES

Evansiana. Pure pink flowers carried well above the leaves.
Green foliage, red-netted below. Semi-hardy, it is an excel-
lent pot plant, too..... .85
Rex Hybrids. An outstanding mixture producing a wide
range of ornamental leaved Rex Type..... 2.00

BEGONIA

Double Tuberous Rooted—Camellia Flowered Type

The largest and most popular of the double types; indi-
vidual flowers from 5 to 8 inches in diameter, resembling
camellias in all forms and variations of color. Cultural
leaflet supplied with seed.

Apricot	Dark Red	Flame	Orange
Picotee	Pink	Rose	Salmon
Scarlet	White	Yellow	Mixed

Each of the above..... Trade pkt., \$2.75

Double Tuberous Rooted Vaughan's Special Mixture.

This cream of a specialist's collection contains the lovely
camellia and rose-flowered forms together with the double
fringed types in charming colors from dainty light shades
to the richer and darker tones. Leaflet on culture supplied
with seed..... Trade pkt., \$2.75

Cacalia (Tassel Flower)

This "perky" little annual blooms in a few weeks from seed.
The flowers of scarlet or gold on branching stems look exactly as the
name indicates, fluffy tassels, less than half an inch in diameter.
Blooms until heavy frost. Fine for mixed bouquets, 2 ft.

Mixed. Scarlet and yellow... $\frac{1}{4}$ oz., 90c; $\frac{1}{2}$ oz., \$1.50 \$0.40 \$2.75

Cactus Seed

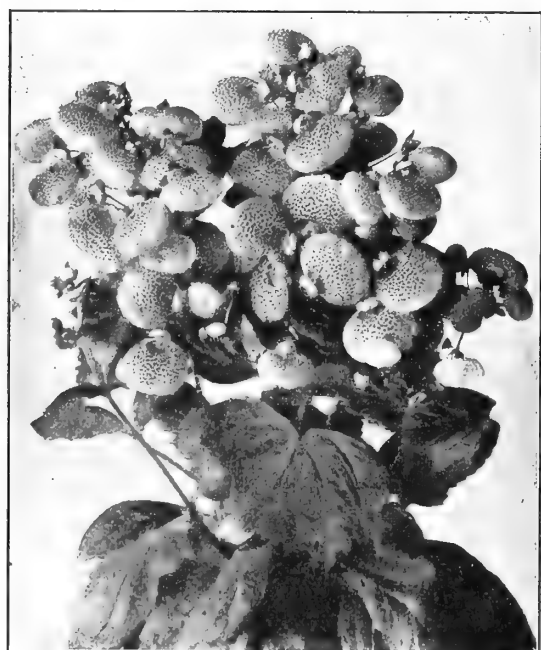
Cacti can easily be grown from seed, and are becoming increasingly
popular in the retail trade.

	100 S. eds	1000 Seeds
Cercus (Column-cacti). Mixed.....	\$0.60	\$4.40
Echinocactus (Hedgehog-cacti). Mixed.....	.75	5.50
Mammillaria (Wart-cacti). Mixed.....	1.35	11.00
All kinds and forms mixed.....	.40	3.30



BELL OF IRELAND

Bell of Ireland. Graceful 2 foot branching stems are Tr. pkt. Oz.
so surrounded by 2 inch flowers there is little room
for leaves. The bell shaped calyx is green and deli-
cately veined, containing the white corolla. Both
curious and beautiful. Lasts well when cut.
..... 1/4 oz., \$2.20 \$0.60 \$6.60



Calceolaria Hybrida

Hybrida Grandiflora Triumph Strain. A truly out-
standing strain. Bright shades of yellow, orange, red
and rose; the flowers are large and mostly tigered or
spotted. This strain produces bushy, shapely plants
with clean foliage. 1/4 oz., \$3.00 \$1.40
Hybrida Grandiflora Mixed. Extra Choice. Our mix-
ture is composed of the choicest selections of the
tigered, marbled, spotted and variegated varieties
..... 1/4 oz., \$2.75; 1/2 oz., \$5.00 1.10
Hybrida Multiflora Nana Mixed. The average size
of the blooms is only 1 1/2 inches, but the amount of
flowers produced is unsurpassed. The color scheme
is extraordinarily gay and full of contrast. Pinch
out center to make well shaped bushy stock.
..... 1/128 oz., \$2.50; 1/4 oz., \$4.50 1.10
Indian Prince. A bright scarlet. 1-128 oz., \$2.60 1.10

CALCEOLARIA—Continued

Trade pkt. Oz.

Grandiflora, "Flower Cloud." The most free bloom-
ing Calceolaria, in all colors. Of a very vigorous
growth and resistant against weather influences.
Small flowers in shades of yellow, orange and bronze.
..... 1/128 oz., \$3.85 \$1.50
Albert Kent Hybrids. Flowers of intermediate size
produced in large graceful clusters in delicate shades. 1.10
Duplex Hybrids Mixed. Upper pouch of each flower
is almost as large as the lower giving an attractive
duplexed effect. A good range of color.
..... 1/2 Trade pkt., \$1.25 2.00
Dwarf Tigered or Spotted. Various spotted shades
of red and rosy bronze. 1/4 oz., \$2.75; 1/2 oz., \$5.00 1.10

Calliopsis

Tall All-Double Mixed. 3 ft. high. The best strain
of double flowering Calliopsis. Flowers are semi-
double and double, 1 to 1 1/2 inches across, borne on
long graceful stems. 1/4 oz., 30c .20 \$0.90
Vaughan's Special Mixture.20 70
Dwarf Mixed. 20 .50
Dazzler. Dwarf variety. Dark red flowers edged
deep golden yellow.20 .70

Annual Canterbury Bells

Blooms from seed in less than six months. The plant grows from
two to two and a half feet tall, each plant having from six to eight
spikes of blooms. Trade pkt. Oz.
Mixed, All Colors. 1/4 oz., 30c \$0.20 \$0.90
Cardinal Climber. 1/4 oz., 65c .30 2.20

Chrysanthemum

Carinatum Vaughan's Rainbow Mixture. A surpris-
ing blend of entirely new shades and color com-
binations in Annual Chrysanthemums. The
very free flowering 2 feet high plants are early
blooming, coming into flower 2 months from the
time of sowing; from June until September they
give a truly amazing display. 1/4 oz., 70c .35 2.20
Vaughan's Double and Single Mixed, annual sorts.20 .70
See also Perennial Pages.

Clarkia Elegans Fl. Pl.

This is now much planted for cutting, both in and outdoors. If
grown indoors, plants must be starved. Sow in January, grow on in
flats or shallow raised bench. 2 ft.
Albatross. Pure white. **Orange King.** Orange scarlet.
Brilliant. Bright carmine rose **Purple Prince.** Rich purple.
Firebrand. Brilliant copper scarlet. **Salmonea Perfecta.** True
Illumination. Orange and rose. salmon.
LaFrance. Salmon pink. **Scarlet Queen.**
May Blossom. Glowing rose. **Vaughan's Special Mixture.**
Each of the above: Trade pkt., 20c; 1/4 oz., 35c; oz., \$1.10.

Cleome Pungens (Spider Plant). **Giant Pink Queen.** Trade pkt. Oz.
A tall and attractive border plant, with huge
heads of delightful and refreshing pink. Reaches
over 4 feet, well branched, airy foliage, blooming
from June until frost. 1/4 oz., 55c \$0.35 \$2.00
Helen Campbell. A sport from the popular Pink
Queen, with large glistening pure white flowers.
Comes into bloom slightly earlier than Pink Queen
and the flowerheads are larger. 1/4 oz., \$1.00 .50 3.50
Cockscomb. See Celosia.
Coix Lachrymae. Corn Beads, Job's Tears. lb., \$2.9030
Cyperus Alternifolius. 1 1/2 ft. Ornamental foliage
plant with shining green fronds resembling a miniature
palm. 1/4 oz., 90c .40 2.70
**Cynoglossum Blue Bird (Improved Chinese Forget-
me-not).** A lovely plant 18 to 24 inches tall with flow-
ers of a rich, bright blue. May be grown either out-
side or under glass. 1/4 oz., 35c .20 1.10
Firmament. A dwarf type of the Chinese For-
get-me-not. 15 to 18 in. tall, bushy, of a
rich blue color. 1/4 oz., 40c .25 1.35



CANDYTUFT Giant Hyacinth Flowered Select Pure White

Candytuft

Giant Hyacinth-Flowered Select, Pure White. This Trade pkt. Oz.
is a superior strain; it grows about 1½ feet high, with
enormous trusses of blooms. The best strain in ex-
istence for florists' use. Sow early in January for
Mothers' Day.....4 oz., \$2.90; lb., \$9.00 \$0.25 \$0.90

Umbellata Carminea. Carmine. 12 in.....	¼ lb., \$1.75	.20	.55
Alba. White. 12 in.....	¼ lb., 1.75	.20	.55
Flesh-Pink. 12 in.....	¼ lb., 1.75	.20	.55
Lilacina. Lilac. 12 in.....	¼ lb., 1.75	.20	.55
Purpurea. Crimson. 12 in.....	¼ lb., 1.75	.20	.55
Rose Cardinal. Rose-pink. 12 in.....	¼ lb., 1.75	.20	.55
Vaughan's Special Mixed.....	¼ lb., 1.75	.20	.55
Dwarf Mixed. For pots or combination baskets...		.20	.70

Miniature Gem. A neat early flowering rock or
border plant 4 in. high. White.....¼ oz. 30c .20 .90

For Gibraltarica, Queen of Italy and Sempervirens, see Peren-
nial Pages.

Calendulas

GREENHOUSE FORCING VARIETIES

These improved varieties, while mainly grown in the greenhouse,
can also be grown outdoors for cutting.

Sensation, Vaughan's Improved (Campfire). Long stems; very double, brilliant orange flowers. The blooms are very flat in shape... ¼ oz., 65c; 2 oz., \$4.00	Trade pkt. Oz. \$0.40 \$2.25
Gold. Has the same long stem and extra large, uni- formly double flowers that are so well known in Orange Improved..... ¼ oz., 65c; 2 oz., \$4.00	.40 2.25
Lemon Queen Improved. Lemon yellow with dark eye. ¼ oz., 65c; 2 oz., \$4.00	.40 2.25
Improved Long Orange. Attractive bright golden orange with light eye; a clearer lighter color than the regular Long Orange... ¼ oz., 65c; 2 oz., \$4.00	.40 2.25
Masterpiece. Extra long-stemmed, deep orange-brown center..... ¼ oz., 65c; 2 oz., \$4.00	.40 2.25
White (Moonlight). A beautiful soft cream yellow... ¼ oz., 65c	.40 2.25
Vaughan's Special Mixture for greenhouse forcing.... ¼ oz., 55c	.35 1.65
California Poppy. See Escholtzia.	



CALENDULA Pacific Beauty Type

Calendulas

NEW HEAT RESISTANT BEDDING VARIETIES

Apricot Beauty. This new family of Calendulas pro- duces uniformly larger flowers of better formation, longer and straighter stems and more resistance to summer heat. The attractive two-toned effect is more clearly pronounced than in the older type. A lovely apricot..... ¼ oz., 55c	Trade pkt. Oz. \$0.40 \$1.70
Cream Beauty. Creamy-white, shading to soft yellow. A delicate color, which combines well with others.... ¼ oz., 55c	.40 1.70
Lemon Beauty. Pure lemon yellow; centers well covered with wide incurving petals..... ¼ oz., 55c	.40 1.70
Persimmon Beauty. A true persimmon-orange of un- usual size and brilliance, with long graceful petals. ¼ oz., 55c	.40 1.70
Pacific Beauty Mixed. A blend of the above..... ¼ oz., 55c	.40 1.70

STANDARD BEDDING VARIETIES

Orange Beauty. 2 ft. Blooms are 3½ in. and more across of curved loose petal formation on long stems. The color is bright, deep orange slightly suffused with yellow at the base of the florets, the inner petals gracefully curling in..... ¼ oz., 65c	.40 2.25
Orange King. Select stock. Dark center. The outer petals are slightly imbricated, while those of the center are curved like that of the peony..... ¼ oz., 30c	.20 .95
Shaggy Orange. The petals are long and deeply laci- nated, orange with darker center..... ¼ oz., 30c	.20 .95
Yellow Colossal. The well-formed, bushy plants grow 18 in. high. Flowers are extremely double, 4½ in. and more across and of a clear, bright yellow..... ¼ oz., 65c	.40 2.25
Vaughan's Special Mixture of bedding varieties..... ¼ oz., 35c	.25 1.10



Carnation

Vaughan's Early and Perpetual-Flowering

Plants bloom in about five months from sowing and continue to bloom until the end of summer. The flowers are very double, of large size and clove scented. The calyx does not split. They are borne on stiff stems 15 to 18 inches high. Our strain will produce 90% double flowers and comes true to color.

Welcome new additions to this most popular group of Carnations.

Apricot.

Fantasy. Striped and variegated mixed colors.

Princess Alice. Deep rose bicolor, flushed white edge.

Violet.

Each of the above, Trade pkt., 50c; ¼ oz., \$1.00; oz., \$3.60

Deep Rose
Flesh-Pink
Maroon

Rose-Pink
Salmon-Rose
Scarlet

White
Yellow

Trade pkt. Oz.

Each of above. ¼ oz., \$1.00 \$0.50 \$3.60
Vaughan's Early and Perpetual-Flowering Mixed,
includes the four new varieties. ¼ oz., \$1.00 .50 3.60

Enfant de Nice

They are of compact growth with extremely stiff stems bearing flowers which are up to 2¼ to 2¾ inches in diameter without disbudding the plants. The colors come about 75% true from seeds and give about 90% of plants with double flowers.

White
Salmon

Rose
Red

Trade pkt. Oz.

Each of above. ⅛ oz., \$2.20 \$0.55
Mixed, from varieties noted above. ⅛ oz., \$1.75; ¼ oz., \$3.00 .55 \$10.00

Malmaison J. M. Bridgeford. Of sturdy habit, upright growing plant bearing large flowers, 3½ to 4 inches across, all being of equal size. The chief merit lies in the extensive color range. Some 25 different colors have been counted. ¼ oz., \$1.00 .40 3.60

Carnation—Continued

Super Giant Mixed. A strain similar in habit and earliness to Chabaud Giant Improved but with extra large flowers. The flowers are at least one-third larger than Chabaud Giants. Very double and strongly clove scented. ¼ oz., \$1.85 \$0.60 \$6.60

Vaughan's Special Mixture. A mixture of Enfant de Nice, Giant Margaret Mixed and Vaughan's Early and Perpetual Flowering. ⅛ oz., \$1.10 .60

For other Carnations, see Perennial Pages.

Celosia

Childsii (Chinese Wool Flower) 2 ft.

Crimson. ¼ oz., 55c .30 2.00
Deep Rose. ¼ oz., 55c .30 2.00
Yellow. ¼ oz., 55c .30 2.00
Mixed. The above colors. ¼ oz., 55c .30 2.00

Cristata—Tall Crested Sorts

Crimson. ¼ oz., 55c .30 2.00
Giant Crimson Glory. Brilliant heads of cherry red overlaid with silver. They look almost blood red under artificial light. Practically free of the branching habit. Average heads 8 in. to 10 in. by 5 in. Grow about 14 to 18 in. in height, having shining bright green leaves and a red tinged stalk. ⅛ oz., \$1.10 .60

Gilbert's Giant Rose Beauty Improved. Non-branching unless pinched when less than 12 in. tall. Foliage bright glossy green. Stems are round strong and straight, carrying flower heads when full grown 8 to 12 in. or more across; very ruffled and ball shaped. The color is rather uniform bright rose pink, on a silver colored base. Dries perfectly after being used as a cut flower. 3 to 4 ft. tall.50

Gilbert's Harlequin. Uniform in growth with rich green foliage. Bush type, developing both base and side branches. When small, the color is pinkish-gold turning to a salmon, then to a bright shell pink when fully developed.75

Gilbert's Maple Gold. The blooms are the crested type. The color is an attractive pink tipped yellow but may vary somewhat. Plant grows about 30-36 in. tall with 8-12 heads normally, more if center is pinched. (300 seeds). .50

Royal Velvet. Produces a large center head and numerous large, long-stemmed cockscombs of richest crimson, on basal branches. The foliage is bronzy green with reddish margins. 2 ft. ¼ oz., 90c .30 3.30

Tall Sorts, Mixed. ¼ oz., 30c .20 .90

Cristata—Dwarf Crested Sorts

Aurea. Dwarf, dark golden. 12 in. ¼ oz., 70c .30 2.50
Empress. Crimson combs, dark foliage. ¼ oz., 70c .30 2.50
President Thiers. Dark crimson. 12 in. ¼ oz., 90c .30 3.30
Rosea. Dwarf. Dark rose combs. 12 in. ¼ oz., 70c .30 2.50
Dwarf Sorts. Extra choice mixed. ¼ oz., 70c .30 2.50

Plumosa (Ostrich Feather)

Crimson. ¼ oz., 70c .30 2.20
Orange. ¼ oz., 70c .30 2.20
Scarlet. ¼ oz., 70c .30 2.20
Thompsoni Magnifica, Mixed. ¼ oz., 70c .30 2.20
Pride of Castle Gould, Mixed. ¼ oz., 95c .30 3.30

Lilliput Dwarf Fire Feather. This dwarf strain is excellent for pots and combinations. 12 in. ⅛ oz., 75c; ¼ oz., \$1.40 .30 4.40

Orange Feather. Golden orange. 15 in. ⅛ oz., 75c; ¼ oz., \$1.40 .30 4.40
Mixed. ⅛ oz., 75c; ¼ oz., \$1.40 .30 4.40

Spicata. Branching freely, each stem terminating in a round slender pointed spike of bloom. The flowers at first are a soft bright rose, changing to silver-white. Trade pkt., 25c; ¼ oz., 70c; oz., \$2.00.



CENTAUREA Cyanus Super Giant Double Mixture

Centaurea Cyanus

SUPER GIANT Cornflower

The flowers of these strains are large, fully double and colors intensified. Long stems for cutting.

May also be sown out of doors just before freezing for early spring blooming.

Black Boy. Blackish maroon.

Blue Boy. Rich deep blue, very large flowers.

Pinkie. Deep pink.

Red Boy.

Ruby red.

Snowman. Best white.

Vaughan's Mixture of Super Giant New Varieties Mixed.

Each of above, Trade pkt., 20c; oz., 50c; 4 oz., \$1.60; lb., \$5.00.

CENTAUREA CYANUS DWARF

Jubilee Gem. A dwarf variety, making a compact plant covered with double dark blue flowers. Foliage forms a tufted mass of bright green. 12 in. Trade pkt. Oz.
..... 1/4 oz., 40c \$0.25 \$1.10

OTHER CENTAUREA

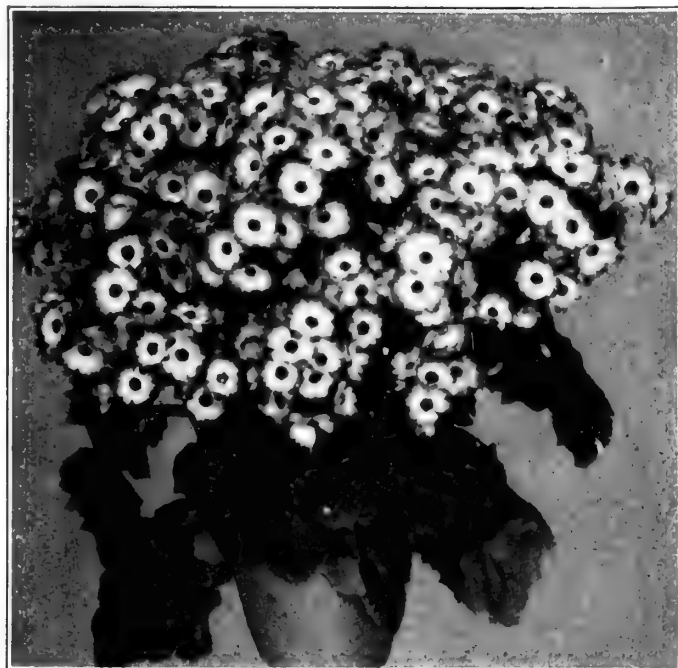
Americana (Basket Flower). Lilac, 4 ft.....lb., \$7.00	.20	.70
Alba. White. 4 ft. Fine cut flower.....lb., \$7.00	.20	.70
Imperialis (Giant Sweet Sultan). 32 in., Mixed, a complete color blend.....	.25	.90
Jaueolens. Canary-yellow, 2 ft..... 1/4 oz., 35c	.25	1.10
Vaughan's Special Mixture. Includes all the annual Centaurea sorts.....	.25	.90

Candidissima (Dusty Miller). White leaved for bedding. 6 in..... 1/4 oz., \$1.10	.60	4.00
Gymnocarpa. (Tall Dusty Miller). Fine cut leaved variety with silvery foliage. 24 in.....lb., \$6.60	.20	.70

See also Perennial Pages.

Cineraria Dusty Miller

Cineraria Maritima Diamond. (Dusty Miller).....		
Leaves pure white..... 1/4 oz., 30c	.20	1.00
Maritima Candidissima. Silvery leaves, excellent for bedding and borders..... 1/4 oz., 30c	.20	1.00



CINERARIA CREMER'S PRIZE MIXTURE RESELECTED

Cineraria Hybrida

Vaughan's Columbian Mixture. Contains the best Trade pkt. Oz.
large flowering types and colors as well as Cremer's, Potsdam, Siter's and Gold Center strains and cannot be excelled in variety of colors, size, shape and substance of flowers and perfect habit of plant. 1/64 oz., \$2.00; 1/32 oz., \$3.30; 1/16 oz., \$6.00
..... 1000 seeds \$1.10

Cremer's Prize Mixture. Re-selected. Somewhat taller and larger flowered than Multiflora Nana 1/64 oz., \$2.45; 1/32 oz., \$4.40; 1/16 oz., \$8.25 1.65

Cremer's Improved Prize Strain. Originator's Packet. 1.50

Multiflora Nana Mixed, all colors, 1/64 oz., \$1.80; 1/32 oz., \$3.30; 1.10

Gold Center. We were the introducer of this magnificent strain several years ago. It is distinguished by the golden yellow stamens—in the type they are dark. The flowers are produced in great profusion, are of the same size and color range as the Multiflora Nana. The golden yellow stamens make a wonderful contrast with the blues, reds and pinks of the flowers.....
.. 1/64 oz., \$2.20; 1/32 oz., \$4.00; 500 seeds, 65c; 1.10

Potsdam Strain Mixed (Berlin Market or Weissenensee). American grown seed. The plants are taller and flowers larger than Cremer's.....
..... 1/64 oz., \$2.00; 1/32 oz., \$3.30 1.10

Cremer's Prize Strain and Siter's Rainbow Strain in equal proportions 1/64 oz., \$2.20; 1/32 oz., \$4.15 1.10

Siter's Rainbow Strain Mixed. Immense flower heads of medium large flowers ranging from bright eyed types to finer pastel shades. Compact growth with small leaves. Earlier than Cremer's 1/64 oz., \$2.75; 1/32 oz., \$5.00; 1/16 oz., \$9.00 2.00

Siter's Hybrids (Originator's Packet). A new group blended for perfect color combination from bright eye types through the finer pastel shades. Large flower heads with medium large individual flowers. Small Packet (for 500 plants), \$5.00; Large Packet (for 1000 plants), \$10.00.....

Grandiflora Choice Mixed. Seed collected from prize varieties. Flowers very brilliant in an excellent range of color and of good size and substance.. 1.10

Grandiflora Dwarf Mixed. Excellent strain in a fine range of color. 1 ft. 1/64 oz., \$1.90; 1/32 oz., \$3.50 1.10

Star Cineraria (Cineraria Hybrida Polyantha).

Feltham Beauty. Fine small flowering variety for cutting and decorative purposes, nearly all have white centers. 2 ft..... 1000 seeds 85



COSMOS SENSATION

Cosmos

Sensation Very early giant flowered type. Plants grow 4 to 6 feet. Flowers are quite large, 4 to 6 inches across, with broad fluted petals which slightly overlap. Colors pink, white and crimson. For exhibition flowers, leave plants 3 to 4 ft. apart and disbud. Dazzler. Crimson..... $\frac{1}{4}$ oz., 40c \$0.25 \$1.30
Pink..... $\frac{1}{4}$ oz., 40c .25 1.30

Radiance. A striking new flower with colors never before seen in Cosmos. Deep rose with rich crimson zone. The long strong stems are fine for cutting and flowers cut in the bud last many days..... $\frac{1}{4}$ oz., 40c .25 1.30

White..... $\frac{1}{4}$ oz., 40c .25 1.30
Mixed..... $\frac{1}{4}$ oz., 40c .25 1.30

Double Early-Flowering. Pink, White or Red. They come about 40 percent double. Each, $\frac{1}{4}$ oz., 70c .35 2.20

Double Early Flowering. Mixed..... $\frac{1}{4}$ oz., 70c .35 2.20

Fiesta. (New). Gold striped scarlet. See color illustration inside back cover..... $\frac{1}{4}$ oz., \$1.00 .50 3.60

Orange Flare. Early flowering deep orange. $\frac{1}{4}$ oz., 30c .20 .90

Orange Ruffles Semi Double. Vivid and intense golden orange, the two or three extra rows of petals lend an airy butterfly-like beauty to the richly colored large blossoms. Extremely free blooming,.... $\frac{1}{4}$ oz. 35c .25 1.10

Yellow Flare. 3-4 ft. Similar to the original Orange Flare, except its color is a very rich and compelling butter yellow..... $\frac{1}{4}$ oz., 35c .25 1.10



CYCLAMEN—PERSICUM GIGANTEUM

Cyclamen

Persicum Giganteum

Our Cyclamen seed has been grown by experienced American and European growers who have specialized in this item for years.

	100 Seeds	1000 Seeds
Baardse's Wonder. Salmon with white border.....	\$2.50	\$22.00
Bonfire. Brilliant salmon.....	2.50	22.00
Bright Red.....	1.90	17.50
Dark Blood Red.....	1.90	17.50
Lavender.....	1.90	17.50
Mozart. Deep pink.....	2.50	22.00
New Ruffled Mixed.....	2.50	23.00
Orange Beauty. Orange vermillion.....	2.50	22.00
Pink Pearl. Salmon pink.....	2.50	22.00
Pure Rose.....	1.90	17.50
Pure White.....	1.90	17.50
Saffron Red Silver Edge.....	2.50	22.00
Salmon Scarlet (America Improved).....	2.50	22.00
Salmon-Rose Improved.....	2.50	22.00
Salmon Dark (Glory of Wandsbek or Pearl of Zehlendorf).....	2.40	20.00
Salmon with Eye.....	2.40	20.00
Salmon Light (Rose of Zehlendorf).....	2.40	20.00
Soft Rose with Carmine Eye (Improved Rosa von Marienthal).....	1.90	17.50
Victoria Improved. (New). The bloom is fringed with a bright salmon eye and balance of petals in a lighter salmon shade getting still lighter near the fringed edge and the fringed edge is always a bright salmon.....	2.50	22.00
White with Carmine Eye.....	1.90	17.50
White Fringed.....	2.50	22.00
Vaughan's Florist Mixture.....	1.90	17.50

Vogt's Double Cyclamen

This strain comes about 80% true from seed.

Admiration. A beautiful salmon-rose with shaded eye.

Orchid Pink.

Prosperity. An azalea type, flaming rose color.

Rosea. A soft rose with a coral cast, shading lighter at petal tips.

Double Mixed. The four above.

Each of the above, 100 seeds, \$3.75; 250 seeds, \$7.75; 500 seeds, \$14.50.

Cyclamen flowers keep well when cut, if you make an incision lengthwise into the lower part of the stem with a sharp knife and put flower stems immediately into water.



DAHLIA Unwin Dwarf Hybrids

Coleus

Glory. A mixture of bronze, pink, apricot shades, cream, etc. A remarkably fine strain; it is unequalled for the beautiful form and coloring of its large leaves. Make splendid pot plants. Sow seed January 1st for Memorial Day plants. $\frac{1}{4}$ oz., \$7.75; $\frac{1}{8}$ oz., \$4.40; $\frac{1}{16}$ oz., \$2.75; $\frac{1}{32}$ oz., \$1.65	Trade pkt. Oz.	
Colosse de Pyrenes. Large leaves, dwarf plants in various colors.	\$0.70	.....
Vaughan's Rainbow Mixture. Plants of strong vigorous habit; brilliant richly colored medium to large leaves. The finest Greenhouse Grown strain. $\frac{1}{4}$ oz., \$2.60; $\frac{1}{8}$ oz., \$5.00; $\frac{1}{16}$ oz., \$9.00; $\frac{1}{2}$ trade pkt. \$1.00.	1.10	.....
Rainbow Mixture, Regular Strain.	1.60	.....
	$\frac{1}{32}$ oz., \$1.80; $\frac{1}{16}$ oz., \$3.25	.75
Cobaea Scandens. One of the handsomest rapid growing climbers. The bell-shaped flowers turn lilac. Seed should be sown edgewise. Very vigorous and prolific bloomer.	$\frac{1}{4}$ oz., 55c	.30 \$1.70
Convolvulus Major (Morning Glory). Crimson Rambler. Bright ruby red.	$\frac{1}{4}$ oz., 30c	.20 .90
Dwarf Royal Ensign. Is deep bright ultramarine blue; the deepest and brightest color of all blue annuals. The plants are fairly covered with their attractive blossoms all summer. Use for edging and borders.	$\frac{1}{4}$ oz., 70c	.30 2.20
Corn Strawberry. While this is really a "Pop Corn" and a very good one at that, its charm is in its attractive effect of the tiny ears which are only 2 in. long and $1\frac{1}{2}$ in. wide and are a rich and shiny mahogany color, not unlike a gigantic strawberry. They are enclosed in straw-colored husks which may be bent back showing the ear.	$\frac{1}{4}$ lb. \$1.15; 1 lb., \$4.00	..... .35
Corn Calico or Indian Squaw. Multi-colored kernels for fall decorations.	lb., \$1.10	..... .20

Ornamental Cotton

Sown indoors, and transplanted after danger of frost is over, cotton plants develop quickly into low bushes of definite ornamental value, with lovely pink buds followed by creamy blossoms. The white bolls make winter bouquets. Regret owing to quarantine regulations cannot be sent to California.	.30	1.40
---	-----	------

Dahlia

These are easily grown from seed and will bloom first year if sown early.

UNWIN'S DWARF HYBRIDS

(XXX Strain)

Seeds sown in March, plants will be in bloom by the end of June. Graceful full-double flowers in a wide range of colors. If tubers are divided and potted in February (start in a cool house), they make fine plants for Mothers' Day.

Trade pkt., 30c; $\frac{1}{4}$ oz., 75c; oz., \$2.50; 4 oz., \$7.50.

	Trade pkt.	Oz.
Double Cactus-Flowered. Extra choice mixed.	$\frac{1}{8}$ oz., \$1.10; $\frac{1}{4}$ oz., \$2.00	\$0.60
Selecta. An extra choice strain.	$\frac{1}{8}$ oz., \$1.65	.85
Lilliput Mixed (Pompon).	$\frac{1}{8}$ oz., \$1.10; $\frac{1}{4}$ oz., \$2.00	.60 \$7.50
Zulu. Dwarf double, dark leaved, mixed.	$\frac{1}{4}$ oz., 70c	.40
Vaughan's Special Double Mixed.	$\frac{1}{8}$ oz., \$1.10; $\frac{1}{4}$ oz., \$2.00	.60 7.70
Single Coltness Hybrids, mixed. 1 ft.	$\frac{1}{4}$ oz., 55c	.30 1.80
Scarlet. Bright scarlet.	$\frac{1}{4}$ oz., 70c	.40 2.20
Single Giant Perfection Mixed. 4 ft. The plants are of strong, robust habit, and produce in great abundance flowers of immense size, of the most bewildering variety of color.	$\frac{1}{4}$ oz., 70c	.30 2.20
Dahlborg Daisy. A uniformly dwarf border annual. Plants grow about 8 inches high and a foot wide and are covered with small yellow daisy-like flowers. Absolute uniformity and early continuous flowering are important points in its favor.	$\frac{1}{8}$ oz., \$1.65	.60
Digitalis. See Perennial Pages.		
Dolichos Lignosus , Australian Pea Vine. Purple.	$\frac{1}{4}$ oz., 70c	.30 2.20
Dracaena Indivisa. Narrow-leaved.	$\frac{1}{4}$ lb., \$1.65; lb., \$5.50	.20 .60
Dusty Miller. See Centaurea and Cineraria.		
Didiscus Coeruleus , Lavender Lace Flower, blue. 2 ft.	$\frac{1}{4}$ oz., 40c	.25 1.35
Vaughan's Improved Wilt-Resistant Blue Lace Flower. An improved variety with flowers of a deeper blue and half again as large. Strong heavy stems, many measuring 18 inches from first joint, with well shaped flowers measuring $2\frac{1}{2}$ to $3\frac{1}{2}$ inches in diameter. Plant in pots to follow "mums" or sow direct in beds, thinning to about 6 in. in rows a foot apart; does not transplant well. Not over Carnation temperature needed.		.65
Dimorphotheca Aurantiaca (Orange Daisy). Glossy golden orange flowers. 12 in.	$\frac{1}{4}$ oz., 70c	.25 2.20
Aurantiaca New Hybrids.	$\frac{1}{4}$ oz., 35c	.25 1.10
Glistening White. 6 to 8 in. The petals of the daisy-like flowers 4 inches in diameter, glisten like white enamel. They are borne freely on low, spreading plants, like hot sun and dry weather, and flower long after frost.	$\frac{1}{4}$ oz., \$1.00	.40 3.60
Salmon Beauty. Soft salmon pink.	$\frac{1}{4}$ oz., 70c	.30 2.20

Cornflower. See Centaurea Cyanus.

Cuphea Firefly. This is a semi-dwarf, compact growing annual about 12 inches in height. The flowers are freely produced, a deep rosy scarlet color, deepening to almost purple at the center. The plants flower in about five months.

..... $\frac{1}{8}$ oz., 85c; $\frac{1}{4}$ oz., \$1.35 \$0.30

Cordylina. See Dracacna.

Coreopsis. See Perennial Pages.



DIANTHUS LACINIATUS DOUBLE GAIETY

Dianthus — Annual Pinks

Brilliant. (New). See Novelties for color illustration and description. ¼ oz., \$1.00 \$0.60 \$3.60

Heddensis Finest Mixed. An entirely new tetraploid variety combining the large open flowers of Dianthus Heddewigi with the rugged growth and long stemmed habit of Dianthus Chinensis. Well-formed 2 in. flowers in large numbers on 16 in. stems, suitable for cutting. More tolerant of extreme temperatures than either of its parents. All the traditional Dianthus colors in this new variety. ¼ oz., 70c .30 2.00

Heddensis Westwood Beauty, Red Shades. Flowers single, 1½–2¼ inches, deeply lacinated. The color is somewhat variable in red shades of crimson and scarlet, some having attractive white edgings. 12 inches. ¼ oz., 70c .30 2.00

Laciniatus Splendens. The flowers are very large, a brilliant shade of crimson, with a large boldly contrasting glistening white eye. 1 ft.35

Double Gaiety. (New). A full-double form of this popular annual. The flowers are large and fringed; the colors range from white through pink, maroon and reds. Excellent for cutting or brilliant display in the garden 12 in. ¼ oz., \$1.00 .55 3.60

Vaughan's Special Mixed, Double and Single Pinks. ½ oz., 75c .25 1.30

Vaughan's Special Mixture, Single Pinks. ½ oz., 65c .25 1.10

Vaughan's Special Mixture, Double Pinks. ½ oz., 80c .25 1.40

Sweet Wivelsfield

A hardy annual of wonderful colorings. The flowers are larger than Sweet William and borne in trusses. This perpetual-flowering Dianthus has won wide popularity both as a cut flower of lasting quality and as a bedding plant.

Single Mixed. ¼ oz., 35c \$0.20 \$1.10

Double Mixed. ¼ oz., 70c .30 2.50

Barbatus. See Perennial Pages.

Plumarius. See Perennial Pages.

Escholtzia

(California Poppy)

Vaughan's Special Mixture. 1 ft. ½ oz., 50c .25 .90



EXACUM Affine

Everlasting Flowers. Annual. See Acroclinium, Globe Amaranth, Helichysum, Statice and Xeranthemum. Perennials. See Echinops, Eryngium, Gypsophila, Lunaria, Physalis and Statice.

Exacum Affine. Beautiful greenhouse pot plant producing sweetly scented bright mauve flowers. Flowering within 6 months from sowing. Height 9 in. Trade pkt., \$1.20; 1-128 oz., \$3.20; ¼ oz., \$6.00.

	Trade pkt.	Oz.
Hunnemannia (Bush Escholtzia). Yellow. 18 in.	\$0.20	\$0.70
Sunlite. Double bright canary colored flowers. Gray green foliage. Excellent for cutting.		
..... ¼ oz., 45c	.30	1.40
Euphorbia Heterophylla (Mexican Fire Plant). 3 ft.		
..... ¼ oz., 45c	.20	1.60
Variegata (Snow-on-the-Mountain). Foliage edged white and green. 2 ft.	lb., \$5.50	.20 .60

Fern Spores

Adiantum Cuneatum
Adiantum Hybridum
Adiantum Hispidulum
Adiantum Wrightii
Cibotium Schiedeii
Aspidium tsussemense
Cyrtomium falcatum
Cyrtomium Rochfordianum
(Holly Fern)

Cyrtomium Rochfordianum compactum
Pteris albo-lineata
Pteris serrulata
Pteris serrulata cristata
Pteris tremula
Pteris Wilsonii
Pteris Wimsettii
Pteris Wimsettii multiceps

Any of the above, per trade packet, \$2.75.

Freesias

Sow seed in cold frame the middle of May, covering with sash for about three weeks or until plants are up, gradually removing sash so plants become accustomed to air. The bulbs can be lifted by the middle of September. They will bloom in January with nice large blooms and long stems.

An exceptionally large flowered strain, early to bloom, in colors rich and clear. The quality of these is not to be compared with the usual strains offered. We recommend this as being outstanding.

Red

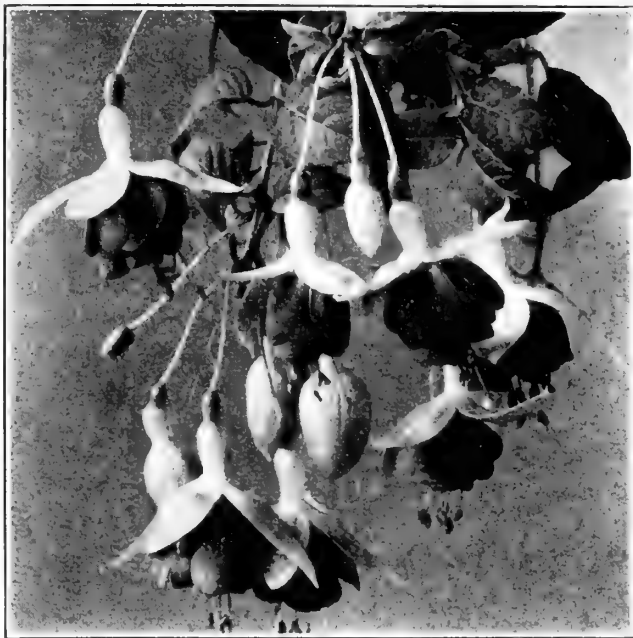
Yellow

Blue

Each of the above, ¼ oz., \$3.20; ⅛ oz., \$1.75; Trade pkt., \$1.00

	Trade pkt.	Oz.
Freesia Refracta Alba. Pure white. ¼ oz., \$1.40	\$0.60	\$4.40
Rainbow Hybrids. Colored varieties. ¼ oz., \$1.40	.60	4.40
Vaughan's De Luxe Mixture. This strain is from one of the finest Freesia breeders and represents an outstanding blend. The blooms are extra large and have excellent stem length. The color range is most complete, including all possible shades and color variations. Can be flowered in six months from sowing. ⅛ oz. \$2.00; ¼ oz., \$3.60		
	1.10	. . . .

Grevillea Robusta (Silk Oak). Excellent fern-like foliage plant for combination pots and baskets for fall and winter. Sow in early spring. Well grown single specimens make fine pot plants. ¼ oz., 65c .25 2.00



FUCHSIA Superb Mixture

Fuchsia Superb Mixture. An outstanding mixture produced by crosses between named varieties, doubles and singles. Will produce new hybrid varieties as well as parent types. 250 seeds, \$3.30; 500 seeds, \$5.50; 1000 seeds, \$10.00.

Garden Heliotrope. See Valeriana, Perennial Pages.

Geraniums Flowerland Strain. Improved single large-flowered, seed saved from name varieties. Includes seed of Fiat, White Beauty, Alice of Vincennes, Madam Kovelesky and others which will provide a wide range of colors. This seed will germinate irregularly in from 14 days to two months. The plants may be lifted as they reach suitable size, but the seed box should not be disturbed until germination has ceased. $\frac{1}{16}$ oz., \$1.00; $\frac{1}{8}$ oz., \$1.70. \$0.60

Gilia Capitata Reselected Blue (Blue Thimble Flower). Fine feathery foliage; attractive ball-shaped flowers, 1 in. in diameter. 2 ft.20 \$0.70

Globe Amaranth. Rubra (red-purple) ... $\frac{1}{4}$ oz., 35c .30 1.10
Dwarf Purple. $\frac{1}{4}$ oz., 65c .35 2.20

Godetia

Plant in rather poor soil. They thrive in cool weather under moist conditions. Treat these as suggested for Clarkia.

Tall Double Grandiflora

Mixed. Gladiolus-like flowers in long trusses; excellent for cutting. 2 ft. $\frac{1}{4}$ oz., 35c \$0.20 \$1.10

Dwarf Double Mixed. $\frac{1}{4}$ oz., 50c .30 1.60

Upright Single.

Duke of York. Rich scarlet on white. 16 in. $\frac{1}{4}$ oz., 55c .30 2.00

Kelvedon Glory. Glowing salmon-orange. $\frac{1}{4}$ oz., 55c .30 2.00

Sybil Sherwood. Double deep, glowing, salmon orange. $\frac{1}{4}$ oz., 65c .30 2.20

Gypsophila

Elegans Grandiflora Alba, London Market. Special Florist strain. $\frac{1}{4}$ lb., 85c; lb., \$2.50 \$0.30

Carminia. Deep Rose. $\frac{1}{4}$ oz., 50c \$0.30 1.60

Crimson. $\frac{1}{4}$ oz., 50c .20 1.60

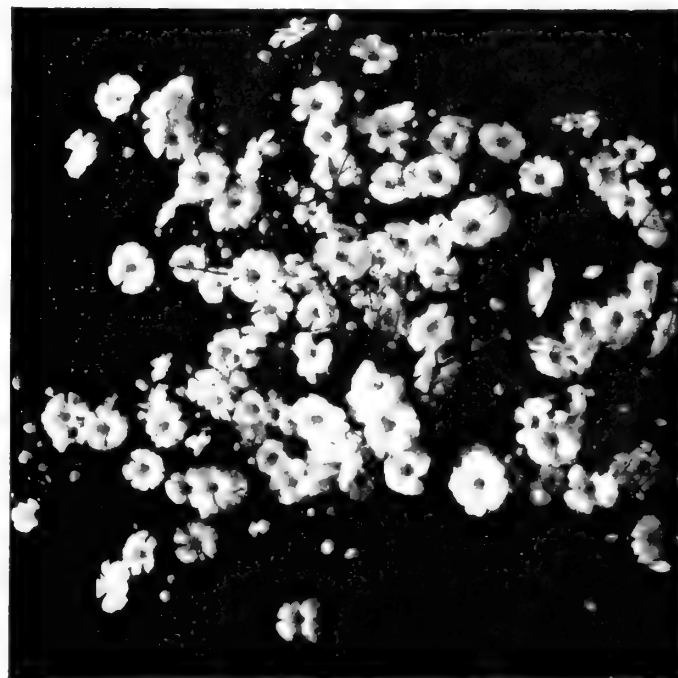
Muralis. Dwarf, pink. Fine border and rock garden plant, 6 in. $\frac{1}{4}$ oz., 75c .30 2.50



GAILLARDIA Sunshine

Gaillardia Sunshine. Harmonious blending of giant annual Gaillardias, ranging from almost self red with but slight, though sharply contrasting yellow tipping, to less and less red until some flowers are a pure self yellow. Fully double blooms, $2\frac{1}{2}$ to 3 in. across on stiff stems. $2\frac{1}{2}$ ft. tall. $\frac{1}{4}$ oz., 75c \$0.30 \$2.50

Indian Chief. The single flowers of deep coppery scarlet are accentuated by a dark brown center. Dense bushy plants growing about 12 in. tall. Free flowering. $\frac{1}{4}$ oz., 40c .20 1.20



GYP SOPHILA Elegans Grandiflora Alba, London Market



GLOXINIA HYBRIDA

Gloxinia Hybrida

Trade pkt.

Vaughan's Columbian Mixture. This is made up by ourselves from the choicest spotted, tigered, edged, marbled and splashed sorts of the upright and horizontal type, and we know that better seed is not to be had at any rate. . . . \$1.25

Beacon. Flowers rich dark red, flexible leaves. 1.25

Crimson Glow. Glowing scarlet, very free blooming. 1.25

Emperor Frederick. Dark scarlet, white margin. 1.25

Emperor William. Dark violet, white margin. 1.25

Frederick Benary. Brilliant scarlet, white throat. Most effective. 1.25

Gierth's White. (New). Large flowers of pure white on sturdy stem. 1.25

Marveille. White edged flowers of brilliant red, very free flowering with flexible dark leaves. An "Improved Emperor Frederick". 1.25

Rose Sensation. An outstanding new color. Brilliant carmine rose with ivory throat, large flowers produced in abundance and flexible well shaped leaf make this one of the best. 1.25

Swiss Emblem. (Hybrid Gigantea). Brilliant scarlet red with white margin. 1.50

Spotted and Stained Choice Mixture. 1.25

Victory Giant Ruby Red. An outstanding variety with velvety rich-red flowers. Plants are very vigorous with many side growths; a well grown plant, producing 50 or more flowers. Sow seed in January for blooming plants in 4-inch pots during June and July. 6 trade pkts., \$5.00. 1.00

French Hybrids. A mixture of the finest varieties. 1.25

Gigantea Mixed. Superb class of giant size and rich colors. 1.25

Helianthus (Sunflower) **Sun Gold.** 4 to 5 ft. Brilliant golden yellow, 100% double globe shaped flowers. Free blooming. Early pinching will make many side shoots and in consequence smaller than one large flower if disbudded. Excellent for cutting. ¼ oz., 30c; ¼ lb., \$2.65 \$0.20 \$0.85

Helichrysum

Monstrosum Fl. Pl. (Strawflower).

Canary Yellow	Golden Ball	Salmon Queen
Rose Queen	Violet Queen	Fireball
Silver Ball		

Each of the above. ¼ oz., 40c .25 1.40

Vaughan's Special Mixture. ¼ oz., 40c .25 1.40

Tom Thumb Mixed. Dwarf sorts. . . . ¼ oz., 55c .30 2.00



ORNAMENTAL GOURDS

Ornamental Gourds

An increasingly important addition to the florists' list, as evidenced by the demand in retail stores. Cultural directions and instructions for preparing the fruit with each order if asked for at time of ordering.

SMALL FRUITED

	Trade pkt.	Oz.
Apple-Shaped.	\$0.25	\$0.90
Bottle, Miniature. . . . .	.25	.90
Flat Striped. Green and white stripes. . . . .	.25	.90
Nest Egg. Practical nest eggs. . . . .	.25	.90
Orange. The well-known Mock Orange. . . . .	.25	.90
Pear-Shaped. Green and white. . . . .	.25	.90
Pear-Shaped. White. . . . .	.25	.90
Pear-Shaped. Striped yellow and green. . . . .	.25	.90
Spoon. Small ball-shaped fruit with slender neck, deep orange. By slicing off a side a satisfactory spoon is made. . . . .	.25	.90
Warted Sorts Mixed. . . . .	.25	.90
Small Fruited Varieties Mixed. . . . .	.25	.90

LARGE FRUITED

Bottle. Large. The original Thermos bottle. Makes fine bird house. . . . .	.25	.90
Calabash or Pipe Gourd. Odd-shaped fruit which is used in making pipes. . . . .	.25	.90
Dipper. Fruit makes an excellent dipper and may be used for bird house. . . . .	.25	.90
Turk's Turban. Ornamental, brightly colored. . . . .	.25	.90
Sow with Gourds for decorative effect, Squaw Corn and Strawberry Corn on Page 16.		

Vaughan's Special Mixture. All shapes and sizes of these interesting fruits so fashionable for ornaments, bird houses and utensils, are included in this mixture. Trade pkt., 25c; oz., 90c.

	Trade pkt.	Oz.
Heliotrope. Will bloom from seed in four months.		
Mammoth Flowered Mixed. ¼ oz., 85c	\$0.40	\$2.75
Regale Dwarf Mixed. A fine mixture of dwarf sorts. ¼ oz., \$1.00	.40	3.60
Honesty. See Lunaria Biennis—Perennial pages.		
Hunnemannia. Fumariaefolia (Bush Escholtzia). Does well in greenhouse; grow cool, 18 in. . . . .	.20	.70
Sunlite. Double bright canary-colored flowers. Gray-green foliage. A good cutflower item. 2 ft. ¼ oz., 45c	.30	1.40
Ice Plant. See Mesembryanthemum.		



IMPATIENS

Impatiens

The Impatiens will make splendid pot plants for Christmas and are useful for bedding and porch boxes in shady locations.

	Trade pkt.	Oz.
Beauty of Klettgau. Fire-scarlet red. See Novelties. 1/4 oz., \$1.50; 1/32 oz., \$2.50; 1/16 oz., \$4.00; (200 seeds)	\$0.90	....
Sultani Nana Carmine. Dwarf free flowering. Especially fine for pots. 1/32 oz., \$2.00; 1000 seeds, 90c; 500 seeds	.55	....
Sultani Hybrida Nana Dwarf Mixed. Especially fine for pots, growing only 6 in. tall. Flowers continuously, in many shades. 1/32 oz., \$2.00; 1000 seeds, \$1.00; 500 seeds	.55	....
Sultani. Bright Rose. 1 1/2 ft., 1/16 oz., \$1.10; 1/8 oz., \$1.90	.55	....
Sultani Hybrids Mixed. Various shades of red to rose and violet mixed. 1/16 oz., \$1.10; 1/8 oz., \$1.90	.55	....
Holstii. Bright vermillion. Beautiful for summer bedding. 1 1/2 ft. 1/16 oz., \$1.10; 1/8 oz., \$1.90	.55	....
Holstii New Hybrids. Extra choice. Charming mixture of many colors. 1/16 oz., \$1.10; 1/8 oz., \$1.90	.55	....

Ipomoea

Single Best Fringed Mixed. ....	.25	\$0.90
Blue Star. Large flowers of clear blue accentuated by five deep blue mid-ribs forming a star. The flowers are larger and earlier than Clarke's Early Heavenly Blue, averaging 4 to 4 1/2 inches and on cloudy days remain open well into afternoon. 1/4 oz., 50c	.30	1.60
Giant Cornell. The flowers, as large as Heavenly Blue, are an intense carnelian red with pure white border, reproducing the colors of Cornell University. Growth is rapid and flowers come early. 1/4 oz., 50c.	.30	1.60
Noctiflora (Moonflower). White seeded. ....	.20	.60
Darling. Giant flowers, 4 inches in diameter, of a rich wine red with a snowy white throat which provides a striking contrast. 1/4 oz., 50c	.30	1.60
Clarke's Early-Flowering Heavenly-Blue. The improved clear blue early-flowering strain. Fine pot plant item. Sow in 4-inch pots and stake. Flowers when about 2 ft. high (6 weeks) 1/4 lb., \$2.20	.25	.75
Improved Early-Flowering Heavenly Blue. A deep sky blue, shading lighter toward the center. ....	.25	.90

IPOMOEA—Continued

Pearly Gates. A large flowered satiny white, with a creamy shading in the throat. Reaches 12 feet, with luxuriant foliage. 1/4 oz., 50c	\$0.30	\$1.60
Rose Marie. Double rose flowers. 1/4 oz., 30c	.20	.90
Scarlett O'Hara. Flowers are a carnelian red, sometimes called carmine, self color about 3 1/2 inches across. Stays open longer than other sorts. Foliage is quite distinct, each leaf having one large and two small side lobes. 1/4 oz., 40c	.25	1.10

Jacaranda Mimosaeifolia. A tree in subtropical regions with foliage as finely cut as a fern, symmetrical and elegant. Showy blue or violet flowers valuable in the north for conservatory decorations or subtropical bedding. Young plants make attractive pot plants. 100 seeds, 55c; 1,000 seeds, \$3.90

Kochia Childsii (Summer Cypress)..... .15 .30

Lantana Dwarf Mixed. Sow early and give bottom heat. 1 ft. 1/4 oz., 55c .30 2.00
Tall Mixed. 2 1/2 ft. 1/4 oz., 55c .30 2.00

Kalanchoe

Globulifera. Var. Coccinea (Blossfeldiana). 12 inches. Bright scarlet flowers. Very choice pot plant 3,000 seeds, \$1.20; 1,500 seeds	.65	....
Alfred Graesser. Free flowering hybrid of rich scarlet.	2.00	....
Brilliant Star. Flowers measure three times the size of the ordinary varieties and are a rich fiery red. Foliage is dark green and of compact growth. The flower heads are carried on stems about 6 inches long, making this ideal for pots or cutting material. 1/128 oz., \$3.30; 1/64 oz., \$6.50; (about 800 seeds) ..	1.65	....
Ernst Thiede. Very dwarf, of compact growth and free flowering. A glowing red.	1.40	....
Hybrida "Flame". In brilliancy of color this Kalanchoe is unsurpassed. The flower heads are borne on wiry stems with up to 200 individual flowers. The color is a vivid fiery red, much more pleasing than that of other Kalanchoes. 500 seeds	1.10	...
Tom Thumb. A dwarf variation of the popular K. Blossfeldiana, with the same color. The general habit is more dwarf and the very short-flowering stems form just beyond the foliage and the flowers actually envelope the entire plant. 1/128 oz., \$3.00; 1/64 oz., \$5.50; 1/32 oz., \$10.00. 1000 seeds	1.40	....
Yellow Darling. Similar in habit to Type Thiede, growing 5 to 7 inches high. Flowers are a strong lemon-yellow of outstanding brightness. The color, together with the shining green leaves, make it a perfect plant for flower arrangements in combination with the dwarf red Kalanchoes. Primula Malacoides or Saintpaulia. 500 seeds	1.40	....



KALANCHOE YELLOW DARLING



FLOWERING KALE

Kale Flowering. Although belonging to the Cabbage or Kale family, this Flowering Kale is entirely different as to its appearance. In young stage its leaves are green just like ordinary Kale, but in autumn as the season advances remarkably beautiful colors begin to appear and paint whole plant self colors or mixed colors. . . . $\frac{1}{4}$ oz. \$1.10 \$0.40 Trade pkt. Oz.

Lathyrus Latifolius. See Perennial Pages.

Lavatera Alba Splendens. Pure white. 30 in. $\frac{1}{4}$ oz., 35c .20 \$1.10
Splendens Loveliness. (Sunset). Glowing rose-pink flowers, bronze foliage. . . . $\frac{1}{4}$ oz., 35c .20 1.10

Lavender Lace Flower. See Didiscus Coeruleus.

Lemon Verbena (Aloysia Citriodora). Fine pot plant. . . . $\frac{1}{8}$ oz. \$1.10; $\frac{1}{4}$ oz., \$2.00 .40

Leptosiphon French hybrids. 10 in. Free flowering star-shaped flowers in many colors. . . . $\frac{1}{4}$ oz., 35c .25 1.10

Leptosyne Stillmanii. Golden yellow, blooms six weeks after sowing. . . . $\frac{1}{4}$ oz., 35c .20 1.10
Golden Rosette. Double bright butter yellow flower. . . . $\frac{1}{4}$ oz., 65c .30 2.00

Leucanthemum. See Chrysanthemum Maximum in Perennials.

Lilium. See Perennial Pages.

Annual Larkspur

For outdoor blooming start in flats in the house, shift into 2-inch pots and plant in April or sow in the open as soon as ground is ready. To get satisfactory germination from Larkspurs in the hot weather, it is necessary to chill the seeds in an ice box for several days before sowing. Larkspurs must be grown cool. For a greenhouse crop in May, sow in January or February.

Regal Rose. Rich rose. See Novelties. Trade pkt. Oz.
Lb., \$20.00; $\frac{1}{4}$ lb., \$6.75; $\frac{1}{2}$ oz., \$1.10 \$0.40 \$2.00

Supreme. New strain of base branching habit. Heavy spikes of tall growth, exceptionally uniform in height, and free flowering. See Novelties. Dark Blue, Pink, Lilac, Rose, Salmon, White and Mixed.

Each of the above.
Lb., \$20.00; $\frac{1}{4}$ lb., \$6.75; $\frac{1}{2}$ oz., \$1.10 .40 2.00



LARKSPUR SUPREME

LARKSPUR—Continued

GIANT DOUBLE IMPERIAL—The Base Branching Type—4 ft.

This type is the most desirable for outdoor growing; of upright growth, branching from the base of plant, producing more and longer flower stems for cutting:

Blue Bell. Fine medium blue.

Blue Spire. Dark blue.

Brilliant Rose.

Dazzler. Rich scarlet.

Deep Carmine King Im-

proved. A very distinct improvement over Carmine King; holds its color under trying conditions.

Exquisite Pink Improved. Soft pink shaded salmon.

Gloria Improved. Rich, deep rose-salmon.

Lilac Spire. Beautiful lilac color.

Los Angeles Improved. Salmon scarlet.

Miss California. Deep pink or salmon.

Pink Perfection. Lively light pink.

Rosalind. Salmon-rose, non-shattering.

Sweet Lavender. Light lavender blue.

White King. Glistening pure white.

Each of the above, trade pkt., 30c; $\frac{1}{4}$ oz., 45c; $\frac{1}{2}$ oz., 70c oz., \$1.20; $\frac{1}{4}$ lb., \$4.00; lb., \$12.00.

Giant Imperial Vaughan's Special Mixed. All colors. Trade pkt., 25c; $\frac{1}{4}$ oz., 45c; $\frac{1}{2}$ oz., 70c; oz., \$1.20; $\frac{1}{4}$ lb., \$4.00; lb., \$12.00.

IMPROVED GIANT HYACINTH-FLOWERED—45 in.

Blooms much earlier than other tall Larkspurs. Non-branching, each plant produces one big Hyacinth-like spike, broad at the base and tapering toward the top, thickly studded with perfect double blooms to a length of 18 to 20 inches.

	Trade pkt.	Oz.
Dark Blue.	$\frac{1}{4}$ oz., 55c	\$0.35 \$2.00
Lilac.	$\frac{1}{4}$ oz., 55c	.35 2.00
Pink.	$\frac{1}{4}$ oz., 55c	.35 2.00
Purple.	$\frac{1}{4}$ oz., 55c	.35
White.	$\frac{1}{4}$ oz., 55c	.35 2.00
Giant Hyacinth Fld. Improved Mixed.	lb., \$18.00; $\frac{1}{4}$ oz., 55c	.35 1.80

Trade pkt. Oz.

Linaria Maroccana Excelsior , mixed. 12 in.	\$0 20	\$0 70
Fairy Bouquet . Compact growth, large flowers in many distinct colors. Blooms early. Flowers resemble miniature Snapdragons. 8 in. $\frac{1}{4}$ oz., 50c	25	1.60
Northern Lights . Brilliant new colors which include clear whites, bright yellows, vibrant blues and carmines, also reds and bronzes with yellow lips. Plants grow 15 in. high, bushy erect. $\frac{1}{4}$ oz., \$1.10	.40	4.00

Lisianthus Russellianus (Eustoma). An excellent pot plant with rich violet blue flowers with black center and yellow stamens. Sow in heat in Spring, keep fairly moist during Summer. Blooms in four months from seed. Upright and compact free flowering habit. $1\frac{1}{3}$ ft. $\frac{1}{8}$ oz., \$1.55	.60
---	-----	------

Lobelia

Erinus Crystal Palace Compacta . 4 in. Deep blue, dark foliage. $\frac{1}{4}$ oz., 95c	.30	3.30
Compacta Blue Gown . Clear deep blue, without eye, fine compact habit. $\frac{1}{4}$ oz., 95c	.30	3.30
Blue Stone Reselected. Compact habit, large flowers, brilliant mid-blue. $\frac{1}{4}$ oz., 95c	.30	3.30
Cambridge Blue . Light blue with green foliage. $\frac{1}{4}$ oz., 95c	.30	3.30
Emperor William . Gentian-blue, light foliage. 4 in. $\frac{1}{4}$ oz., 95c	.30	3.30
Mrs. Clibran . Deep blue, white eye. $\frac{1}{4}$ oz., 95c	.30	3.30
Pumila Splendens, Bedding Queen . Dark blue, white eye. $\frac{1}{4}$ oz., 95c	.30	3.30
Alba Snowball . 4 in. $\frac{1}{4}$ oz., 95c	.30	3.30
Dwarf Sorts, Mixed $\frac{1}{4}$ oz., 85c	.30	3.00
Pendula (for hanging baskets)		
Hamburgia . Sky-blue, white eye, dark foliage. $\frac{1}{4}$ oz., \$1.10	.40	....
Sapphire . Large deep navy-blue with white eye. $\frac{1}{4}$ oz., \$1.10	.40	....
Tenuior ramosa nana compacta blue . Fine Gentian blue. 10 to 12 in. $\frac{1}{4}$ oz., 95c	.40	....

Lupinus

Free-flowering, easily grown annuals, with long, graceful spikes of rich and various colored pea-shaped flowers; valuable for cutting to follow "mums" or sweet peas as a "catch crop."
Nitrogen for inoculating Lupin seed. Garden size, pkt., 15c.

Pixie Delight (Dwarf Annual). New. 8 in. Pleasing shades of pink, rose, blue, lavender and white, as well as bicolor combinations. Early free blooming, for use in border as well as fine pot plant	Trade pkt. Oz.	
..... $\frac{1}{4}$ oz., 65c	\$0.40	\$2.40

Hartwegii Giants or King Lupinus. This improved giant strain is over a foot taller than the ordinary strain, reaching a height of 3 or 4 feet. There are five or six long basal branched spikes to each plant, bearing closely placed giant blooms.

King Dark Blue	King Sky Blue	
King Heliotrope	King White	
King Mixed		
Each of the above	Trade pkt. Oz.	
..... lb.	\$8.80	\$0.25 \$0.95

Marvel of Peru . (Four O'clocks.) Mixed. lb., \$3.3030
--	------	-----

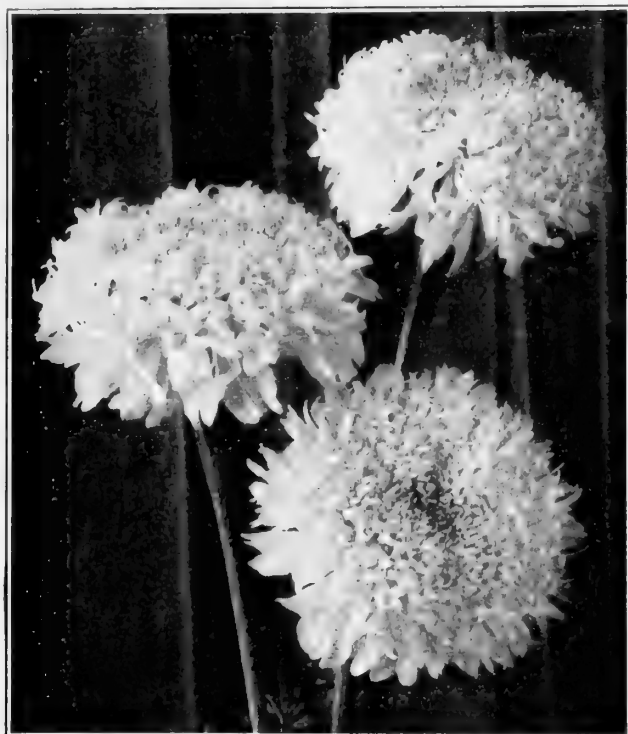
Mesembryanthemum Criniflorum (Livingstone Daisy). The plants are literally covered with one-inch flowers of the most delightful shades imaginable. Need full sun and lots of water. $\frac{1}{8}$ oz., 75c; $\frac{1}{4}$ oz., \$1.35	.40
---	-----	------

Crystallinum (Ice Plant). Foliage glitters, being covered with ice-like globules, flowers small, pinkish white. For dry sandy spots. 6 in., $\frac{1}{4}$ oz., 55c	.30	1.80
---	-----	------

Mignonette True Machet . Vaughan's Selected Stock Fragrant. The finest greenhouse strain. $\frac{1}{4}$ oz., 45c	.25	1.60
--	-----	------

Mimosa Pudica . (Sensitive Plant). $\frac{1}{4}$ oz., 60c	.30	2.00
---	-----	------

Mimulus Tigrinus . Large-Flowering Single, mixed.40
---	-----	------



MARIGOLD Mammoth Mum

Marigold

TALL AFRICAN DOUBLE IMBRICATED

Frills. A new color in the frilly carnation-like marigolds with odorless foliage. Flowers grow $3\frac{1}{2}$ in. across, clear, vivid golden orange with petals beautifully frilled and waved. Plants grow about 2 ft. tall and produce their lovely flowers most profusely throughout the summer and fall. Valuable for garden decoration; the long-stemmed flowers are highly prized for cutting. $\frac{1}{4}$ oz., 55c

Guinea Gold . Orange flushed gold, producing many medium sized flowers. $2\frac{1}{2}$ ft. $\frac{1}{4}$ oz., 55c	.30	1.80
---	-----	------

Yellow Supreme . Broad, loose-frilled petals, rich creamy yellow, honey fragrance. 2 ft. $\frac{1}{4}$ oz., 55c	.30	1.80
---	-----	------

Orange Supreme . Flowers are very large, 4 to 5 in. across, perfectly double, with an attractive, peony-like appearance. The intense orange flowers are borne on long, stiff stems, making them most desirable for cutting. Plants are much branched, upright growing, $2\frac{1}{2}$ to 3 ft. tall. $\frac{1}{4}$ oz., 55c	.30	1.80
---	-----	------

Real Gold . Large carnation-type flowers up to $4\frac{1}{2}$ inches across are borne on compact bushes 20 to 25 inches tall, rather late in season. Color is golden orange illumined with yellow and flowers are abundant. $\frac{1}{4}$ oz., 55c	.30	1.80
--	-----	------

TALL AFRICAN DOUBLE FISTULOSA, 3 ft.

An especially fine tall branching strain, bearing enormous flowers of the quilled type.

All Double Lemon . See Novelties for color illustration and description. $\frac{1}{4}$ oz., 55c; $\frac{1}{4}$ lb., \$5.50	.30	1.80
--	-----	------

All Double Orange . See Novelties for color illustration and description. $\frac{1}{4}$ oz., 55c; $\frac{1}{4}$ lb., \$5.50	.30	1.80
---	-----	------

All Double Mixed $\frac{1}{4}$ oz., 55c; $\frac{1}{4}$ lb., \$5.50	.30	1.80
--	-----	------

Vaughan's Special Mixture Tall African Double Mixed $\frac{1}{4}$ oz., 55c	.30	2.00
--	-----	------

TALL AFRICAN VARIETIES

Burpee Gold . Another Marigold minus the disagreeable odor. Beautiful carnation-like form, attractive habit, uniformity of color and blooming time, fully double. Flowers are an even rich deep orange color, $3\frac{1}{2}$ in. across. $\frac{1}{4}$ oz., 55c	.30	1.80
---	-----	------



MARIGOLD Sunny

MARIGOLD—Continued

	Trade pkt.	Oz.
Chrysanthemum Flowered Hybrids Mission Giants Mixed. Chrysanthemum-like blooms in a blend of deep, medium and golden orange, as well as bright lemon. Excellent for cutting.....	1/4 oz., 55c	\$0.30 \$1.80
<u>Glitters.</u> All America Bronze Medal Winner 1951. Illustrated in color in our Novelty Section.....	1/4 oz., \$1.00	.35 3.00
Goldsmith (Mission Giant). The best version of the Chrysanthemum-flowered Marigold which blossoms early enough for northern gardens. Globular flower with incurved petals, borne on long base branching stems, 3 ft. tall.....	1/4 oz., 70c	.35 2.20
<u>Happiness.</u> The large chrysanthemum-like flowers 3 1/4 in. across are a cheerful golden-yellow. Plants are of uniform compact habit, growing 16 in. tall; comes into bloom early and is free flowering.....	1/4 oz., 80c	.40 2.80
Limelight. A pale primrose-yellow or deep cream, in the Dixie Sunshine or incurved Chrysanthemum flowered type. Early and free flowering. 1 1/2-2 1/2 inches in diameter. 20 in.....	1/4 oz., 70c	.35 2.20
Yellowstone (Mission Giant). Bright rich clear yellow counterpart to Goldsmith, with large 2 1/2 inch flowers, on luxurious, large plants. Flowers are of double, incurved, Chrysanthemum-like form. Uniformly 3 to 5 feet tall.....	1/4 oz., 70c	.40 2.20
Mammoth Mum 30 in. Blooms early. The flowers are fluffy ball-like, light sulphur yellow in color, 3 1/2 in. across and 2 in. deep and develop into the largest chrysanthemum flowered Marigold.....	1/4 oz., 90c	.40 3.20
Early Sunshine. 2 1/2 inches across and 1 1/2 inches deep and they are extremely early. Bright lemon-yellow flowers. Ideal for cutting.....	1/4 oz., 70c	.35 2.20
<u>Vaughan's Marigold Treasure Chest.</u> 2 1/2 to 3 ft. Remarkable for its wide color range and extremely high percentage of fully double flowers. Colors run from the deepest orange to lightest primrose. Flowers are of many shapes, but mostly of the Carnation and Peony-flowered forms. They are large, many 5 in. across, with the average somewhat over 4 in. Some begin to bloom early, some midseason and others late.....	1/4 oz., 55c	.30 2.00
Crown of Gold (Collarette or Crown Type). Orange, 2 1/2-inch flowers, crested center, broad guard petals, odorless foliage.....	1/4 oz., 45c	.25 1.40
<u>Sunset Giants Mixed.</u> Huge flowers with a color range through orange-yellow and primrose.....	1/4 oz., 55c	.30 2.00

MARIGOLD WITH ODORLESS FOLIAGE

Burpee Gold—Carnation Flowered.
Crown of Gold—Collarette. Yellow Supreme.
Lilliput Cupid. Frills.
Cupid Mixed.

SINGLE DWARF FRENCH, 1 ft. Trade pkt. Oz.

Flash. Bright combination of colors which range from vivid red through bronze with a few yellow flowers to give a harmonious contrast to the massed brilliance of the fiery alive plants. In most of the flowers the base color of tangerine is overlaid with rich marigold-red. Individual flowers grow 1 3/4 in. and more across; the plants, 18 in. tall.....	1/4 oz., 65c	\$0.40 \$2.00
Legion of Honor (Little Brownie). Yellow and brown.....	.25	.90
Naughty Marietta. All America Honorable Mention 1947. Golden yellow flowers with a mahogany base, 2 to 2 1/2 in. across. Dwarf single French showy plants about 12 in. tall and 16 in. wide, completely covered with bloom.....	1/4 oz., 55c	.30 2.00
Red Head. All America 1948 Bronze Medal. Large single-crested flowers 2 in. across, with broad, overlapping, gracefully recurved petals—opening rich mahogany, changing to auburn and later to bronzy gold. The crested center is made up of tiny erect golden petals edged with maroon. Compact, dwarf plants about 1 ft. high and 1 1/2 ft. across, completely covered with flowers.....	1/4 oz., 55c	.30 2.00
<u>Sunny.</u> Cheerful, single, bright yellow flowers, about 2 in. across with attractive wavy edges. Plants are well-rounded, 15 in. tall, 16 in. across, and when covered with blooms are sure to win admiration.....	1/4 oz., 55c	.30 2.00

DOUBLE DWARF FRENCH

The dwarf varieties which are <u>underscored</u> are especially valuable for early spring as combination plants. All dwarf Marigolds which grow quite uniform in flats can be easily sold in spring for bedding or border plants. Florists near cemeteries find ready sales for these.		
All Double Royal Scot Striped.....	1/4 oz., 55c	.30 1.80
<u>Butterball.</u> Scabiosa-flowered, canary yellow. Only 6 to 10 inches tall, uniform, very early and continuous flowering. Bright and luminous bedding or edging variety. Rich, dense foliage, well covered with small 1 1/4-inch blooms. This makes a nice pot plant.....	1/4 oz., 55c	.30 2.00
Color Magic. (New). See Novelties for color illustration and description.....	1/4 oz., 90c	.35 2.80
Coronet Improved. Small scabiosa like flowers golden yellow in center and deep mahogany red collar. Plants compact, free and early blooming.....	1/4 oz., 55c	.30 2.00



MARIGOLD Butterball



MARIGOLD Spry

MARIGOLD Double Dwarf French—Continued

HARMONY TYPE

Three heights of the same color of Marigolds Harmony Type.

Spry. Very light orange crested center and maroon outer petals. 9 in. Trade pkt. Oz.
..... 4 oz., \$6.00; ¼ oz., 55c \$0.30 \$2.00

Extra Dwarf Harmony. 6 in. Same color as Spry but dwarfier habit. ¼ oz., 55c .30 2.00

Harmony. Flowers are a bright golden yellow with a rich maroon-red border. The plants, being about 12 inches high and of very bushy habit, can be utilized for cutting. ¼ oz., 35c .20 1.10

Trade pkt. Oz.

Golden Ball. Golden orange shade. ¼ oz., 30c \$0.20 \$1.00

Melody. Growing 12 to 15 inches high, literally covered with golden yellow, Harmony type flowers. Very uniform in height, habit and color; rather early, and a long steady bloomer. ¼ oz., 55c .30 1.80

Primrose. Quite a low growing type about the same height and possibly a little lower than Melody. The flowers are proportionately large, and of a sulphur yellow shade. They are excellent for doubleness and very profuse flowering. ¼ oz., 55c .30 2.00

Sunkist. Many attractive orange colored flowers 1½ inches across. Valuable for bedding, edging and pot-culture. 6 to 12 in. ¼ oz., 55c .30 2.00

Scarlet Glow. A distinct bright bronzy red color; 1¼ to 2 inches across. Some flowers show russet and gold, but as a whole it is probably the largest and brightest red double French sort. Compact bushy growth of about 12 inches. ¼ oz., 55c .30 1.80

Vaughan's Special Mixture of Newer Varieties of Dwarf French including Spry, Butterball, Sunkist, etc. ¼ oz., 55c .30 2.00

TALL DOUBLE FRENCH

Lieb's Winter Flowering. Mahogany brown with golden-yellow crested center. For a fine-paying winter cutflower, especially in a retail grower's establishment, Lieb's varieties are highly recommended. Seeds can be sown from August to December. Space plants ten inches apart in bench in not too rich soil in Carnation house temperature. ¼ oz., 65c \$0.30 \$2.20

MEXICAN MARIGOLD

For Pots and Edging

Gnome. Absolutely uniform in growth and color. Trade pkt. Oz.
Plants grow only 4 to 6 in. high with a spread of 8 to 10 inches; the slender fern-like foliage is fairly covered with dainty golden orange flowers. ¼ oz., 55c \$0.30 \$1.80

DOUBLE DWARF AFRICAN

Tom Thumb Golden Crown. This is a dwarf form of the well-known Guinea Gold. Plants grow only 10 in. high with bright golden yellow flowers, flushed with orange. An outstanding variety. ¼ oz., 55c .30 1.80

Cupid. Another one of the odorless foliaged Marigolds. Dwarf in habit, large primrose yellow chrysanthemum-like flowers completely cover the plant. Marvelous for edging or border. The flowers are 2 to 2½ in. across and the plants are only 6 inches tall. ¼ oz., 70c; ¼ oz., \$1.25 .40 4.25

Cupid Mixed. (New). See Novelties. ¼ oz., 70c; ¼ oz., \$1.25 .40 4.25

Dwarf Gigantea, Pot O'Gold. 12 to 15 in. Plants are dwarf and compact, well branched, very neat in appearance, bearing a dozen or more of its large blooms at one time. Color bright deep orange. The flowers are somewhat loosely formed, very full centered with broad heavy petals, gracefully overlapping. Blooms early. ¼ oz., 55c .30 2.00

Golden Bedder. Early free blooming plants, 14 in. high, bearing large chrysanthemum-like flowers 3 in. across of a bright golden orange. ¼ oz., 55c .30 1.80

LILLIPUT DOUBLE DWARF, 8 in.

Yellow Pygmy. Light lemon-yellow, growing only 8 in. tall and compact. Small, 1¼-in. blooms, free flowering and excellent for edging beds. ¼ oz., 55c .30 1.80

Nasturtium

DOUBLE TALL FRAGRANT VARIETIES

Fire Gleam. Vivid orange scarlet.

Golden Gleam. Semi-double, yellow.

Indian Chief. Foliage dark green, vivid scarlet flowers. Mahogany.

Orange Gleam. Orange.

Scarlet Gleam. Bright orange-scarlet, fragrant.

Supreme Salmon Cerise.

Glorious Gleam Hybrids. Wonderful range of color in double and semi-double flowers.

Each of above, ¼ lb., 80c; oz., 30c; lb., \$2.70.

DOUBLE DWARF FRAGRANT VARIETIES

Cherry Rose. The soft cherry rose flowers, 2½ to 3 in. across, are freely produced on stems sufficiently long for cutting. Early flowering.

Golden Globe. Yellow.

Globe of Fire (Scarlet Gem).

Mahogany Gem.

Gem Mixed.

Each of above, ¼ lb., 90c; oz., 30c; lb., \$3.00.

DWARF SINGLE SORTS

<u>Vaughan's Special Dwarf Mixture</u> . Contains a percentage of double flowers.	Oz. \$0.25	¼ lb. \$0.55	Lb.
<u>Empress of India</u> . Deep crimson, dark-leaved. ....	.25	.65	\$2.20

TALL SINGLE MIXTURE

<u>Vaughan's Special Tall Mixture</u> . Our mixture contains a liberal amount of Gleam Hybrids.25	.55
--	-----	-----	------

Trade pkt Oz.

<u>Nemesia Strumosa Suttoni Mixed</u>	¼ oz., \$1.10	\$0.30	....
<u>Suttoni Scarlet</u>	¼ oz., \$1.10	.30	....
<u>Nana Compacta Blue Gem</u> . Blue. 8 in. ½ oz., 65c		.40	....
<u>Edelweiss (White Gem)</u>	½ oz., \$1.00	.40	....
<u>Fire King</u> . Cerise scarlet.	½ oz., 65c	.40	....
<u>Orange King</u> . Rich orange.	½ oz., 65c	.40	....
<u>Triumph Mixed</u>	¼ oz., \$1.00	.40	\$3.60

These dwarf Nemesias are fine for pots and combinations.

Vaughan's Giant Pansies



PANSY VAUGHAN'S SUPER SWISS GIANT MIXTURE

Pansies have long been a favorite with us. We introduced the Swiss Giants to American gardens and named and introduced the lovely Canadian variety, Maple Leaf, several years ago.

VAUGHAN'S SUPER SWISS GIANT MIXTURE

One of our leaders and represents the choicest strain of this popular and profitable flower. Combining the finest selections of several Pansy specialists, the perfect blending is further insured by the addition of separate colors that do not generally appear in the average mixture. Trade pkt., 80c; $\frac{1}{8}$ oz., \$2.00; $\frac{1}{4}$ oz., \$3.30; oz., \$11.00; $\frac{1}{4}$ lb., \$40.00.

VAUGHAN'S IMPROVED SWISS GIANT MIXTURE

The flowers of this strain are of enormous size, 3 inches and over in diameter. They are perfectly round with overlapping petals, borne on strong stalks well above the remarkably luxuriant foliage. Thick petals, of a rich velvety texture, give this strain of pansy the required substance so necessary to a perfect pansy.

The superb colors and color combinations—are their distinctive feature. Excellent for greenhouse culture. Trade pkt., 65c; $\frac{1}{8}$ oz., \$1.45; $\frac{1}{4}$ oz., \$2.50; oz., \$8.80; 4 oz., \$33.00.

VAUGHAN'S DWARF SUPER SWISS MIXED

This type, being shorter and more compact, is more suitable to plant sales. The color range is as good as that of the Improved Swiss. Trade pkt., 65c; $\frac{1}{8}$ oz., \$1.60; $\frac{1}{4}$ oz., \$2.65; oz., \$8.80.

GIANT SWISS SEPARATE SORTS

Swiss Alpenglow. Rich wine-red shades.

Swiss Berna. Dark violet-blue.

Swiss Blue (Ullswater, Thuner Sea). The most distinct rich deep ultramarine blue with darker blotches.

Swiss Coronation Gold. Flowers golden-yellow. Perfectly round flowers, slightly ruffled edges. This is the best pure yellow pansy.

Swiss Firebeacon. Bright wallflower-red with a touch of orange.

Swiss Pure White. The best pure white pansy.

Swiss Raspberry Rose. A lovely tint of pink best described as Raspberry Rose. It has a suggestion of a lighter tone on the edges of the petal and is marked with a velvety blotch in a deeper tone.

Swiss Rhinegold. Canary-yellow with dark blotches.

Each of the above: Trade pkt., 80c; $\frac{1}{8}$ oz., \$2.00; $\frac{1}{4}$ oz., \$3.30; oz., \$11.00.

VAUGHAN'S MAPLE LEAF GIANT MIXED

A distinct variety we introduced several years ago, having very large leaves and flowers of gigantic size, 4 to 5 inches across, perfectly round, of heavy substance in many attractive colors and color combinations. Trade pkt., 65c; $\frac{1}{8}$ oz., \$1.75; $\frac{1}{4}$ oz., \$3.00; oz., \$10.00.

VAUGHAN'S SUPER MAPLE LEAF MIXTURE "CANADIAN GIANTS"

A selection of the distinct variety Maple Leaf Giants which we introduced some years ago; having large leaves of a rich dark green and flowers of gigantic size and heavy substance, with good stems, in a beautiful color range. Plants of compact and sturdy growth. Trade pkt., \$1.00; $\frac{1}{8}$ oz., \$1.90; $\frac{1}{4}$ oz., \$3.40; oz., \$11.00.

VAUGHAN'S LONG STEMMED WINTER-FLOWERING MIXED RESELECTED

It has a much wider color range than other Winter-Flowering strains and has an excellent stem length, averaging better than 10 in. The bloom size is from $2\frac{1}{2}$ to 3 in. and the flowers are of very good substance and sweet scented. Sow in summer for Mid-winter blooming and give support early. $\frac{1}{2}$ Trade pkt., 65c. Trade pkt., \$1.00; $\frac{1}{8}$ oz., \$2.75; $\frac{1}{4}$ oz., \$5.25.

VAUGHAN'S GIANT MIXTURE

Large flowers of good substance in a complete color range in light and dark shades. Probably the best general complete high grade mixture obtainable. Trade pkt., 60c; $\frac{1}{4}$ oz., \$2.75; oz., \$8.80; $\frac{1}{4}$ lb., \$33.00.

Amsterdam Giant. A very early free flowering strain with a long season of bloom. Flowers are large, 3 to 4 inches across, and the colors bright. Coming into flower early and showing a great resistance to heat, it has proven a very popular "Basket Pansy" in the European Market, for which it was especially bred, also on our East Coast wherever grown. Trade pkt., 75c; $\frac{1}{4}$ oz., \$3.00; $\frac{1}{8}$ oz., \$1.80; oz., \$10.00.

Delft Blue. Porcelain-blue. Trade pkt., 85c; $\frac{1}{8}$ oz., \$2.00; $\frac{1}{4}$ oz., \$3.30; oz., \$11.00.

Giant Orange. A perfectly round flower with overlapping petals of good substance. Color is a vivid orange, the upper petals carrying a halo of golden yellow. The lower petal is a deep orange. Trade pkt., 80c; $\frac{1}{8}$ oz., \$2.00; $\frac{1}{4}$ oz., \$3.30; oz., \$11.00.

America, Ideal Bedding or Basket Pansy. Good substance with wide color range. Free-flowering. Trade pkt., 65c; $\frac{1}{8}$ oz., \$1.60; $\frac{1}{4}$ oz., \$2.70; oz., \$10.00.

Jumbo Mixed. Extra large and early; long stemmed flowers. An outstanding favorite in the South. Trade pkt., 85c; $\frac{1}{8}$ oz., \$1.95; $\frac{1}{4}$ oz., \$3.30; oz., \$11.00.

Masterpiece—Giant Curled. The colors are superb, mostly red and brown shades. Trade pkt., 60c; $\frac{1}{4}$ oz., \$2.00; oz., \$6.60.

Oregon Giants (Originator's Stock). A fine strain of giant ruffled pansies. The large flowers of heavy texture have a delicate fragrance and come in all shades and coloring. Long stems and luxuriant foliage. Pkt. 200 seeds, 50c; pkt. 500 seeds, \$1.00; 3 \$1.00 packets for \$2.00; $\frac{1}{2}$ oz., \$6.00; oz., \$12.00.

Paper White (New). Pure White. See Novelties. Trade pkt., \$1.00; $\frac{1}{8}$ oz., \$3.00; $\frac{1}{4}$ oz., \$5.00; oz., \$18.00.

Pay Dirt. (New). See Novelties. 200 seeds \$1.10; 600 seeds, \$1.90; $\frac{1}{16}$ oz., \$3.30; $\frac{1}{8}$ oz., \$5.50.

Tigress (New). See Novelties. Trade pkt., 50c; $\frac{1}{4}$ oz., \$1.75; oz., \$5.00.

Butterfly Hybrids. Long stemmed, ruffled and frilled flowers in pastel shades including flesh-pinks overlaid with bronze, clear, strong orchids, pinks as bright as daisies, deep rose, and yellows so deep they look almost orange. Upper petals show a vivid sunburst while lower petals are blotched with metallic sheens of color like the wings of butterflies. Trade pkt., \$1.10; $\frac{1}{16}$ oz., \$2.20; $\frac{1}{8}$ oz., \$3.90; $\frac{1}{4}$ oz., \$6.60.

GIANT SEPARATE SORTS

Adonis. Light blue, white center. **Beaconsfield.** Deep purple, upper petals white. **Black.** Large flowered, true black.

Bright Blue. **Prince Henry.** Darkest blue.

Purple. Very large, rich deep purple **Pure Yellow.**

St. Knud. Golden orange. **White with Purple Eye.** Very large.

Each of above, Trade pkt., 40c; $\frac{1}{8}$ oz., 90c; $\frac{1}{4}$ oz., \$1.65.

EARLY FLOWERING OR ICE PANSIES

Flowers three weeks earlier than others, affording an excellent companion for early spring flowering bulbs.

Blue Boy. Lavender. **Helios.** Pure yellow.

Winter Sun. Golden yellow with black eye.

Each of above, Trade pkt., 40c; $\frac{1}{4}$ oz., \$1.40; oz., \$4.90.



PHLOX Vaughan's Beauty

NIEREMBERGIA

Hippomanica Coerulea. Forms a cushion of light green foliage covered with flowers of a delicate lavender hue, 1 to 1½ inches across; clear yellow eye. 9 in. Trade pkt. Oz.
..... ½ oz., \$1.10; ¼ oz., \$2.00 \$0.60

Purple Robe Improved. The rich violet blue color is deeper than that of the original and the plants more dwarf and compact. This new strain does not fade under hot weather conditions, as does Purple Robe. Trade pkt., 75c; ½ oz., \$2.00; ¼ oz., \$3.50.

Nigella Damascena, Miss Jekyll. Dark blue. 18 in. Trade pkt. Oz.
..... \$0.30 \$1.10

Nicotiana Affinis. White, sweet-scented. 32 in. .20 1.10
Affinis Hybrids. Mixed colors. 32 in.20 .70
Crimson Bedder. Rich deep crimson. ¼ oz., 55c .30 2.00
Nana Crimson Flame. ¼ oz., 70c .40 2.50

Daylight. In this new hybrid the white blooms remain fully open during even the most brilliant sunshine. When developed, the plants are of a very bushy habit, reaching a height of 1½ to 2 feet, and about the same distance across, throwing an abundance of pure white flowers with the same delightful scent in the evening as *Nicotiana Affinis*, and makes an ideal subject for bedding purposes. ¼ oz., 70c .40 2.50

Sensation Mixture. This fine strain provides a brilliant color range heretofore lacking in *Nicotiana*. Bright scarlet, crimson, rose, mahogany, violet, yellow, coral, lilac and white are found in an interesting variety of shades. Blooms remain open during the daytime. ¼ oz., 70c .40 2.50

Suaveolens (Orange Blossom). An elegant, small-flowered pure white species, delightfully scented, which makes a fine pot plant. ¼ oz., 90c .40

Oxypetalum Coeruleum. (The Southern Star). Star-shaped flowers, 1 in. across, are borne in long loose sprays. The stems arch so that the azure blue flowers, veined or penciled with silver, face upward. Foliage is a grayish-green. ¼ oz., \$1.00 .40 3.60

Passiflora Coerulea Blue (Passion Flower). Slender but strong grower. Flowers 2½ to 3½ inches across, slightly fragrant, greenish white; the corona is blue at the tip, white in the middle and purple at the base. ¼ oz., 90c; ¼ oz., \$1.65 .40 5.50

Pennisetum Ruppelianum. Ornamental grass for edging Canna beds. Long graceful purple sprays. ¼ oz., 90c .35 3.30

Plumbago Capensis. Spikes of rich pale blue flowers 100 seeds, 85c

Pentstemon

These attractive tubular or bell-shaped flowers produced on good strong spikes make very fine plants that are exceptionally good for bedding and border planting. Although perennial in warmer climate, they are easily grown as annuals. Sow seed early (January-March) and treat as other annual bedding plants.

Sensation. The most brilliant and varied colors; many Trade pkt. Oz.
of them are beautifully edged with a fine contrasting color. 2 ft. ¼ oz., \$1.35 \$0.40 \$4.40

See also Perennial Pages.

Phlox Drummondii Grandiflora

These grandiflora varieties make fine cut flowers. For best results sow seed where you want them to bloom.

Alba. White.	Rosea Albo-oculata. Salmon rose
Alba Oculata. White with eye.	white eye.
Brilliant. Rose dark eye.	Scarlet.
Carnea. Flesh.	Stellata Atropurpurea. Deep red-
Chamois Rose.	dish purple with white eye.
Cinnabar Scarlet. Brightest red.	Stellata Splendens. Scarlet white
Crimson.	eye.
Flaming Velvet. Deep velvety	Violet Blue.
red.	Violet with white eye.
Isabellina. Buff yellow.	
Rosea.	

Each of above: trade pkt., 40c; ¼ oz., 85c; oz., \$2.60.

	Trade pkt.	Oz.
Vaughan's Special Mixture.	¼ oz., 85c	\$0.40 \$2.70
Cuspidata mixed. Star-shaped flowers in a wide range of color.	¼ oz., 65c	.30 2.00
Gigantea Art Shades.	¼ oz., 1.00	.45 3.30
Mellow Moon. Soft pastel yellow. Typical florets are 1¼ to 1½ inches in large clusters on moderately low plants.	¼ oz., 1.00	.45 3.30
Red Glory. This is the richest bright red, with contrasting white eye.	¼ oz., 1.00	.45 3.30
Rosy Morn. Rose-pink with white eye, color deeper than <i>Petunia</i> of same name.	¼ oz., 1.00	.45 3.30
Salmon Glory. Pure salmon-pink with creamy white eye.	¼ oz., 1.00	.45 3.30

Tetra Red. Plants are vigorous well-branched, and bear profusely large trusses of delicately scented, deep red flowers 1½ in. across. Makes a fine showing in bed or border; extremely long lasting as a cut flower. ¼ oz., \$1.00 .45 3.30

Tetra Salmon. The florets, borne in clusters of 10 or more, are immense, up to 1¾ in. across, a clear salmon-pink with a creamy-white eye. Excellent for combinations when used with blue, lavender and white, or for massed effect in the border. ¼ oz., \$2.20 1.00

DWARF VARIETIES

New Strain of Dwarf Phlox

Vaughan's Beauty. A fine large flowered strain of Dwarf Phlox, especially recommended for pot culture, combinations and border planting. Plants are compact, florets twice the size of regular strains and borne in great profusion. 8 in.

Blue Beauty	Salmon Beauty
Crimson Beauty	Scarlet Beauty
Mauve Beauty	Violet Beauty
Pink Beauty	White Beauty

Each of the above, trade pkt., 45c; ¼ oz., \$1.10; oz., \$3.60.

Vaughan's Beauty Mixed. A well-balanced blend. Trade pkt., 45c; ¼ oz., \$1.10; oz., \$3.60.

Pheasant's Eye Pink. See *Dianthus Plumarius* in Perennial Pages.

Poppy—Papaver

American Legion. Orange-scarlet flowers; are remarkable keepers. Trade pkt. Oz.
..... \$0.25 \$0.90

Rhoeas Shirley. Sweet Briar. A delightful shade of deep rose-pink. The blossoms are full double, resembling a very large double begonia.20 .70
Vaughan's Special Mixture of Shirley Varieties. ½ oz., 50c .25 .90

Pierrot (Annual Single) Brilliant scarlet-red flowers on 20 in. stems, with striking black blotches at the base. Extremely free flowering, the rich color is emphasized by the light grayish-green foliage. ¼ oz., 65c .30 2.00
For Oriental and Nudicaule Poppies, see Perennial Pages.

Petunias—Complete List for Bedding and Pots



PETUNIA Extra Dwarf Giants of California

DWARF CALIFORNIA GIANTS IMPROVED

(Vaughan Blend)

In this remarkable strain, flowers of the largest size are borne on plants of dwarf habit, a combination which is ideal for pot culture and bedding. Flowering begins early, when the plants are very small, so that salable plants are quickly produced. Plants sell on sight. They are bushy, grow about 12 in. high and produce their immense open faced, deeply ruffled flowers freely. Some are self colors veined in a contrasting shade, some combine two or more colors in the same flower in a wonderful color harmony. The warm rich colors predominate. **Illustrated in color on our Front Cover.**

1/2 Trade pkt., 90c; Trade pkt., \$1.50;
1/4 oz., \$2.75; 1/32 oz., \$5.00; 1/16 oz., \$9.00.

Dwarf California Giants Dark Selection. A favorite with many growers and it has given universal satisfaction.

1/2 Trade pkt., 65c; Trade pkt., \$1.10;
1/4 oz., \$2.00; 1/32 oz., \$3.50; 1/8 oz., \$12.00; oz., \$70.00.

Dwarf Giants of California Ramona Strain, dark and light shades. A dwarf sturdy growing type especially suited to pot culture. Flowers are beautifully ruffled and fringed with open well marked throats.

1/2 Trade pkt., 65c; Trade pkt., \$1.10;
1/4 oz., \$1.65; 1/32 oz., \$3.00; 1/16 oz., \$5.50

Extra Dwarf Giants of California. This new strain has been bred to fill the need for a truly dwarf pot Petunia. It is by far the best strain for this purpose in existence today. The color range has also been greatly improved and brightened. 1000 seeds, \$1.65; 1/4 oz., \$3.85; 1/32 oz., \$7.25; 1/16 oz., \$13.25.

RUFFLED GIANTS WITH LARGE-VEINED THROATS

The flowers in this section measure from 5 to 7 inches across.

Copper-Red. Dark-throated. 1/4 oz., \$1.60; 1/32 oz., \$3.00 \$0.85 Trade pkt. Oz.

★ **Giants of California Mixed.** This is a most superb mixture, not at all to be compared with the seed usually offered. 1/4 oz., \$1.55; 1/32 oz., \$3.00; 1/16 oz., \$5.25 .85

Glamour. The blooms are deeply ruffled and a rich salmon-rose, with soft tan veining on a creamy buff background deep in the wide-open throat. Giants of California type. . . . 1/4 oz., \$2.00; 1/32 oz., \$3.90 .85

Pink Shades. The colors in this pink mixture ranges from deep rose pink to a light apple blossom and from a coppery rose to a light salmon, also pink and white variegated. Size of flowers varies from four to five and a half inches in diameter and are very nicely ruffled. . . . 1/4 oz., \$1.65; 1/32 oz., \$3.00 .85

RUFFLED GIANTS—Continued

Irene. Dark carmine red, with white center, center slightly veined. Flowers four and a half to five inches in diameter. . . . 1/4 oz., \$1.55; 1/32 oz., \$2.95 \$0.85

Prince of Wuerttemberg. Rich dark red with dark throat. . . . 1/4 oz., \$1.55; 1/32 oz., \$2.95 .85

Princess of Wuerttemberg. Pink veined purple. . . . 1/4 oz., \$1.55; 1/32 oz., \$2.95 .85

Salmon Beauty (Marylyn). A unique color, rich salmon. . . . 1/4 oz., \$1.65 .85

Supreme Florist strain of Giants of California. Of rose and pink shades. A strain with large ruffled, shallow, open throated flowers freely produced on strong growing plants. . . . 1/4 oz., \$1.65; 1/32 oz., \$3.00; 1/16 oz., \$5.50 .85

Ruffled Monsters in mixture. . . . 1/4 oz., \$1.35; 1/32 oz., \$2.20; 1/16 oz., \$4.00 .60

LARGE SINGLE FRINGED

(Flowers 3 to 4 inches across)

Ballerina (F-1) Honorable Mention All America Selections 1952. Illustrated in color and described on our Inside Front Cover. . . . 1/128 oz., \$4.50; 1/4 oz., \$8.00; 1/2 trade pkt., \$1.35 2.50

Blushing Maid. The flowers are of largest size, deeply fringed and ruffled, of a rosy pink and white with yellow veins and throat. One of the loveliest giant single Petunias. . . . 1/4 oz., \$1.65; 1/32 oz., \$3.15 .60

Bolero. (New F1 Hybrid) Carmine-rose pink flowers, well ruffled and fringed, 3 1/2 to 4 inches across. Plants uniformly dwarf and compact. Profuse bloomer; outstanding pot plant strain. . . . 1/128 oz., \$4.50; 1/4 oz., \$8.00; 1/2 trade pkt., \$1.35 2.50

Carmencita. A bright salmon-red. See Novelties. . . . 1/4 oz., \$3.50; 1/32 oz., \$6.00; 1/2 trade pkt. 85c 1.50

Dainty Lady. The plants are neat, compact, semi-dwarf and free flowering, bearing generous quantities of medium sized, delicately fringed dark cream colored flowers. . . . 1/4 oz., \$1.65; 1/32 oz., \$3.00 .60

Fringed Snowstorm. The flowers are pure glistening white, of good substance, with a slight tinge of yellow in the throat which adds to the attractiveness of the blossom. The blooms are 2 1/2 to 3 inches in diameter and deeply fringed. The habit is dwarf and spreading; breaks nicely to produce a compact plant, making it ideal for pots and bedding. . . . 1/4 oz., \$1.75; 1/32 oz., \$3.25; 1/16 oz., \$6.00 1.00

La Paloma. (New F1 Hybrid) Large well fringed flowers 100% large flowering, pure white with yellow throat. Most uniform and vigorous grower. An early sowing will produce Easter pot plants. . . . 1/128 oz., \$4.50; 1/4 oz., \$8.00; 1/2 trade pkt., \$1.35 2.50

Rosita. Creamy rose with netted throat. Large heavily ruffled and fringed flowers on compact well branched plants. Vigorous and free branching yet dwarf and uniform. An outstanding pot plant variety. . . . 1/4 oz., \$3.50; 1/32 oz., \$6.00; 1/2 trade pkt. 85c 1.50

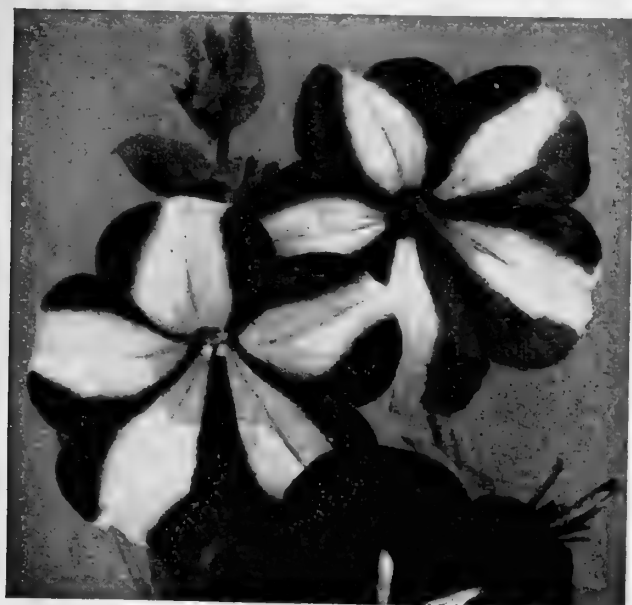
Royal Beauty (Marine). The most beautiful of all blue purple Petunias. . . . 1/4 oz., \$1.65; 1/32 oz., \$3.00 .60

Royalty. The immense ruffled and waved blossoms vary from pure white touched with purple through varying combinations of purple and white to rich self colored blooms. Often blossoms of all these combinations appear on one plant. . . . 1/4 oz., \$1.65; 1/32 oz., \$3.00 .60

Scarlet Beauty. Bright scarlet. Good sized, well fringed beautiful flower. . . . 1/4 oz., \$1.65 .60

Tango (New). Deep salmon shading to scarlet salmon at throat. The first F1 hybrid in this class. See Novelties. . . . 1/128 oz., \$4.50; 1/4 oz., \$8.00; 1/2 trade pkt., \$1.35 2.50

The Art. Large fringed flowers boldly striped and blotched brilliant carmine-rose and pure white. Base branching, excellent cut flower. . . . 1/4 oz., \$2.00; 1/32 oz., \$3.30 .60



PETUNIA Dwarf Starred Varieties

PETUNIAS Large Single Fringed—Continued

Fluffy Ruffles. Very large flowers, finely fringed and ruffled. A perfectly balanced mixture of pinks, white, salmon, deep rose, crimson and light blue, coming about 75% ruffled. Outstanding in our Trials, where it received much favorable comment by all who saw it. Trade pkt., 60c; $\frac{1}{32}$ oz., \$1.55; $\frac{1}{16}$ oz., \$2.75.

Little Giants Pink Shades (New). Illustrated in color and described on our inside Front Cover Trade pkt. Oz. \$1.00

Ruffled Little Giants Mixed. A very brilliant and merry mixture of large flowering fringed and ruffled flowers which cover the dwarf erect growing plants. The flowers are pure pink, pink and white, pure red, and red and white. Fine for beds or borders and wonderful for pots. 8 to 10 inches. Trade pkt. Oz. \$1.55; $\frac{1}{32}$ oz., \$2.75; $\frac{1}{16}$ oz., \$5.00 .85

Theodosia Re-selected. Large flowered, fringed, rosy pink with a clearly defined, golden throat. Fine for window boxes. Trade pkt. Oz. \$1.55; $\frac{1}{32}$ oz., \$2.75 .60

White Beauty. White fringed. Trade pkt. Oz. \$1.65; $\frac{1}{32}$ oz., \$3.00 .60

White Mound A perfect mound of large fringed blossoms. Excellent for cemetery planting and perfectly adaptable for pot and bedding use. Trade pkt. Oz. \$2.00; $\frac{1}{32}$ oz., \$3.30 .85

LARGE-FLOWERING DWARF (Erfurt strain)

Lace Veil. 12 in. Large pure white flowers with fringed petals many waved. Trade pkt. Oz. \$1.75; $\frac{1}{32}$ oz., \$3.20 \$0.75

Setting Sun. 12 in. Compact bushes, brilliant rose-pink fringed flowers, the very best of its color. Trade pkt. Oz. \$1.75; $\frac{1}{32}$ oz., \$3.20 .75

LARGE SINGLE PLAIN EDGED

(Flowers 3 to 4 inches across)

Burgundy. Large-flowered, $3\frac{1}{2}$ -inch blooms, shades of purple or carmine with white throat and tube with violet veins. Trade pkt. Oz. \$1.10 .60

Dazzler. A new exceedingly brilliant large flowering low growing dazzling scarlet shows minor variation from seed. $\frac{1}{16}$ oz., \$3.60; $\frac{1}{8}$ oz., \$6.60; $\frac{1}{4}$ oz., \$12.00; $\frac{1}{32}$ oz., \$2.00; $\frac{1}{64}$ oz., \$1.10 .60

LARGE SINGLE PLAIN EDGED—Continued

Dwarf Elk's Pride. Velvety violet. Customers will find our strain vastly superior to quality usually offered. It is really "re-selected". Trade pkt. Oz. $\frac{1}{32}$ oz., \$1.55; $\frac{1}{16}$ oz., \$2.75; $\frac{1}{8}$ oz., \$5.00 \$0.60

Dwarf Pink Glory. Compact habit, pure flame rose-pink. Trade pkt. Oz. $\frac{1}{32}$ oz., \$2.20 .60

Giant Flaming Velvet. Vivid velvety blood-red, comes 100% true. Trade pkt. Oz. $\frac{1}{32}$ oz., \$1.55 .60

White Cloud. 12 in. A great favorite on account of its dwarf compact habit. Trade pkt. Oz. $\frac{1}{32}$ oz., \$1.50; $\frac{1}{16}$ oz., \$2.75; $\frac{1}{8}$ oz., \$5.00 .75

Snow Storm Improved. Flowers are the purest white and the uniformity of the dwarf compact growth is marvelous. $\frac{1}{32}$ oz., \$2.00; $\frac{1}{16}$ oz., \$3.30; $\frac{1}{8}$ oz., \$5.75 .85

White Queen. Large pure white flower; plants of compact growth. Fine for bedding and pot plant use. Trade pkt. Oz. $\frac{1}{32}$ oz., \$2.00; $\frac{1}{16}$ oz., \$3.30; $\frac{1}{8}$ oz., \$5.75 .85

BALCONY PETUNIAS

The strong branching growth makes this type especially suitable for window or porch boxes and hanging baskets.

Black Prince. A wonderful bedding variety, color of deep rich velvety red. Free bloomer. Similar to Flaming Velvet, but richer in color and approximately 100% true. Trade pkt. Oz. $\frac{1}{8}$ oz., \$1.10; $\frac{1}{4}$ oz., \$2.00 \$0.40

Blue. Velvety violet blue. Trade pkt. Oz. $\frac{1}{8}$ oz., 85c; $\frac{1}{4}$ oz., \$1.50 .40

Red. Trade pkt. Oz. $\frac{1}{8}$ oz., 85c; $\frac{1}{4}$ oz., \$1.50 .40

Rosy Morn. Rose with white throat. Trade pkt. Oz. $\frac{1}{8}$ oz., 85c; $\frac{1}{4}$ oz., \$1.50 .40

Royal Rose. An improved Balcony Rose. Trade pkt. Oz. $\frac{1}{8}$ oz., \$1.10; $\frac{1}{4}$ oz., \$2.00 .40

Star of California. Violet shaded crimson, white blotches. Trade pkt. Oz. $\frac{1}{8}$ oz., 85c; $\frac{1}{4}$ oz., \$1.50 .40

White. Trade pkt. Oz. $\frac{1}{8}$ oz., 85c; $\frac{1}{4}$ oz., \$1.50 .40

Balcony Mixed, the above. $\frac{1}{8}$ oz., 85c; $\frac{1}{4}$ oz., \$1.50 .40

SINGLE SMALL-FLOWERED SORTS

Blue King. Bright violet blue. Trade pkt. Oz. $\frac{1}{4}$ oz., 55c .30 2.00

Flaming Velvet. Rich brilliant velvety blood-red or crimson flower. Trade pkt. Oz. $\frac{1}{8}$ oz., \$1.10 .40

General Dodds. Velvety red. Trade pkt. Oz. $\frac{1}{4}$ oz., 55c .30 2.00

Howard's Star Improved, reselected. Dark velvety purple, blotched white. Trade pkt. Oz. $\frac{1}{4}$ oz., \$1.20 .50 4.50

Inimitable. Blotched and striped. Trade pkt. Oz. $\frac{1}{4}$ oz., 55c .30 2.00

Norma. Violet blue with white star. Trade pkt. Oz. $\frac{1}{4}$ oz., \$1.40 .40 4.40

Radiance. A cerise-rose with underlying salmon. The throat is golden yellow below where the bloom starts to flare. Trade pkt. Oz. $\frac{1}{4}$ oz., \$1.00 .40 3.60

Topaz Rose. Fiery rose suffused gold, throat topaz. Trade pkt. Oz. $\frac{1}{4}$ oz., \$1.00 .40 3.60

White King. Snowy clear white. Trade pkt. Oz. $\frac{1}{4}$ oz., 65c .30 2.00

De Luxe Bedding Mixture. Trade pkt. Oz. $\frac{1}{4}$ oz., 65c .30 2.50

SINGLE SMALL-FLOWERED DWARF SORTS

Admiral. Extra Reselected. This is the best dwarf clear blue Petunia, of good size, and even compact growth. Illustrated in color in our Novelties. Trade pkt. Oz. $\frac{1}{32}$ oz., \$1.75; $\frac{1}{16}$ oz., \$3.25; $\frac{1}{8}$ oz., \$6.00 \$0.85

Alderman. Medium sized flowers of a deep violet blue. Fine for pot plants and bedding. Trade pkt. Oz. $\frac{1}{4}$ oz., 90c .30 \$3 20

Blue Ball. Early flowering velvety violet blue. Several shades lighter than Blue Bird. Dwarf and compact growth. One of the best ever offered. Trade pkt. Oz. $\frac{1}{8}$ oz., 80c; $\frac{1}{4}$ oz., \$1.45 .40 5.00

Blue Bird. Deep violet, extra fine. Trade pkt. Oz. $\frac{1}{4}$ oz., \$1.20 .40 4.20

Bright Eyes. Covered with small $1\frac{1}{2}$ in. flowers of soft pink with white throat. Trade pkt. Oz. $\frac{1}{8}$ oz., \$1.10; $\frac{1}{4}$ oz., \$2.00 .40 6.60



PETUNIA DWARF VAUGHAN'S SPECIAL MIXTURE

PETUNIA Single Small Flowering Dwarf—Continued

<u>Celestial Rose Improved.</u> Definitely superior to the regular Celestial Rose, slightly dwarfer in habit and larger flowered. Unquestionably the best available strain of this fine pot plant item.....	Trade pkt. Oz.		
..... 1/8 oz., \$1.10; 1/4 oz., \$2.00	\$0 60	\$6.60	
<u>Cheerful.</u> Medium large flowers of a clear salmon pink with a deeper rose veining towards the throat. Flowers are freely produced on compact plants.....			
..... 1/16 oz., \$1.50; 1/8 oz., \$2.25; 1/4 oz., \$4.00	.75	....
<u>Cream Star.</u> Flowers grow 2 1/4 in. across and are shaped like five-pointed stars; soft creamy white deepening towards the throat to a bright golden yellow.....			
..... 1/8 oz., \$1.20; 1/4 oz., \$2.20	.60	....
<u>English Violet.</u> It is almost the same beautiful color as English Violets. All the flowers on a plant are the same shade and hold this uniform color from the time they first open until the last bloom. 15 to 18 inches tall.....			
..... 1/8 oz., \$1.25; 1/4 oz., \$2.20	.60	....
<u>Fire Chief.</u> A brilliant scarlet red, entirely new in this class. Plants dwarf and compact, very free flowering over a long season of bloom. Gold Medal Winner for 1950 in All America Selections. Will be in great retail demand. 15 in.....			
..... 1/32 oz., \$1.25; 1/16 oz., \$2.25; 1/8 oz., \$3.50	.50	....
<u>First Lady.</u> A color of light pink. The individual flower measures over 2 1/2 inches across; very free flowering. Strong sun cannot burn the beautiful color.....			
.....	.50	....
<u>Glow.</u> The richest red small flowering petunia, a dwarf bushy plant which is covered with 2 1/2 inch flowers of dazzling carmine red.....			
..... 1/16 oz., \$1.40; 1/8 oz., \$2.20 1/4 oz. \$4.00	.40	....
<u>Glowing Rose.</u> Compact plants of unusual uniformity, are covered with glowing-rose flowers larger than most other dwarf varieties. Blooms early and continues all season, ideal for edging.....			
..... 1/16 oz., \$1.00; 1/8 oz., \$1.80	.60	....

SINGLE LARGE FLOWERING—Continued

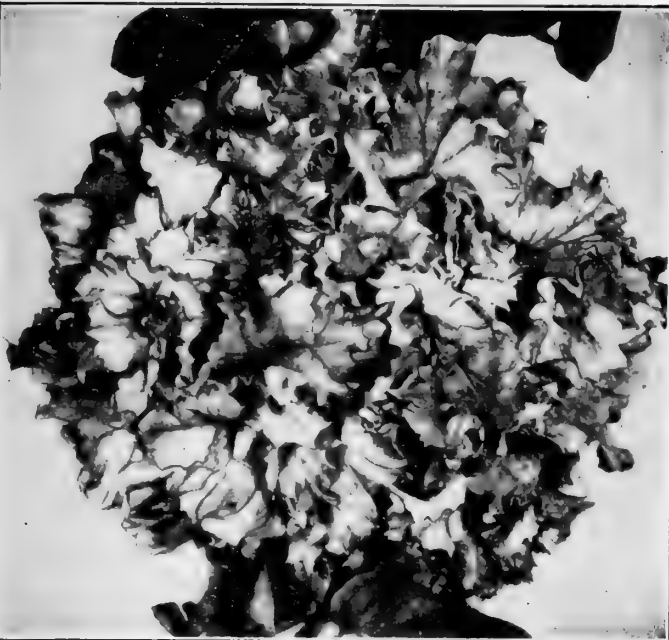
<u>Heavenly Blue.</u> Reselected. Beautiful silvery lilac... Trade pkt. Oz.			
..... 1/8 oz., \$1.00; 1/4 oz., \$1.65	\$0 40	\$5.50	
<u>King Henry</u> (Dwarf Flaming Velvet). Large flowers of a rich velvety blood-red color. Very free flowering. Excellent pot variety.....			
..... 1/32 oz., \$1.45; 1/16 oz., \$2.75; 1/8 oz., \$5.25	.60	....
<u>Martha Washington.</u> Flowers frilled and ruffled, 3 in. in diameter. Blush pink veined rich wine-red, deepening at throat, which is a dark violet. 9 in.....			
..... 1/32 oz., \$1.35; 1/16 oz., \$2.20	.60	....
<u>Miniature Rose Gem.</u> Deep rich rose. 10 in.....			
..... 1/8 oz., \$1.00	.40	....
<u>Peach Red.</u> Deep salmon with light reddish suffusion.....			
..... 1/16 oz., 90c; 1/8 oz., \$1.40	.50	....
<u>Rose Charm (F-1).</u> See Novelties. 1/128 oz., \$3.50; 1/64 oz., \$6.50; 1/32 oz., \$12.00; 1/2 trade pkt., \$1.00	1.75	....
<u>Rose of Heaven Select.</u> A brilliant rose-pink.....			
..... 1/4 oz., 85c	.40	3 20	
<u>Rosy Morn. Select.</u> Pink with white throat.....			
..... 1/4 oz., \$1.25	.50	3.80	
<u>Rose Queen Improved.</u> Intense rose.....			
..... 1/4 oz., \$1.80; 1/8 oz., \$1.10	.50	....
<u>Ruby Red.</u> Good sized plain edged flowers of heavy substance and velvety texture. Color is a fine ruby-red and plants fairly compact. 12 in.....			
..... 1/32 oz., \$2.00; 1/64 oz., \$1.10	.60	....
<u>Salmon Supreme.</u> Distinct new light salmon color. Flowers about 1 1/2 in. across with white throat and plain petals.....			
..... 1/16 oz., \$1.35; 1/8 oz., \$2.20	.60	....
<u>Silver Medal (F-1).</u> Illustrated in color and described on our Inside Back Cover.....			
1/128 oz., \$3.75; 1/64 oz., \$7.00; 1/2 trade pkt., \$1.10	1.90	....
<u>Snowball Improved.</u> Pure white flowers on compact plants. This proved to be the best bedding white variety in our Trials.....			
..... 1/8 oz., 90c; 1/4 oz., \$1.50	.50	5.50	

Starred Mixture of Dwarf Hybrid Varieties. This formula-blend includes the popular Twinkles, Norma, Elk's Star and Howard's Star Improved, as well as others which we buy especially for it. These bright starred flowers are especially attractive when used in combinations or for border work. 1/4 oz., \$1.40

<u>Sutton's Blue Bedder.</u> Midblue.....	Trade pkt. Oz.		
..... 1/4 oz., \$1.10	\$0.40	\$4.00	
<u>Topaz Queen.</u> Deep scarlet rose, free flowering.....			
..... 1/8 oz., \$1.10; 1/4 oz., \$1.80	.40	....
<u>Twinkles.</u> Masses of small, brilliant rose flowers with well-defined pure white star.....			
..... 1/8 oz., \$1.10; 1/4 oz., \$1.80	.40	....
<u>Velvet Ball.</u> Velvety blood red, a shade lighter than King Henry in color. A vigorous grower, producing a dwarf spreading plant with heavy foliage; very free flowering. Ideal for bedding. 1/8 oz., \$5.00; 1/16 oz., \$2.75; 1/32 oz., \$1.45.....			
.....	.60	....
<u>White Perfection.</u> They are compact in growth with abundant snow-white flowers, which profusely cover the plants. The individual flower measures about two inches across.....			
..... 1/8 oz., 70c; 1/4 oz., \$1.35	.40	4.40	
<u>Windmill Pink.</u> (Sunrise). The two inch flowers have slightly frilled edges and are a brilliant rose with flush of scarlet radiating from the small yellow throat. A favorite with pot plant growers.....			
.....	.75	....
<u>Vaughan's Special Dwarf Mixture.</u> A formula-blend of perfect color balance.....			
..... 1/4 oz., 85c	.40	3.20	

DOUBLE SMALL-FLOWERING

<u>All Double America Improved.</u> A rich rose-pink slightly deeper in color than the original with flowers of larger size coming more uniformly full-double. Extremely free flowering; excellent for bedding and cutting. 1/64 oz., \$7.00; 1/32 oz., \$13.00; 500 seeds \$1.40; 1000 seeds	2.25	
---	------	------	--



PETUNIA ALL—DOUBLE TYPE

DOUBLE PETUNIAS

We are glad to offer this year a wider selection of seed of these ever-popular florists' plants.

DOUBLE LARGE-FLOWERING

All Double Vaughan's Formula Mixture. A blend made of the various All Double Mixtures now available, to which have been added separate colors in the right proportions. **Illustrated in color on our Back Cover:** $\frac{1}{32}$ oz., \$26.00; $\frac{1}{4}$ oz., \$13.50; $\frac{1}{128}$ oz., \$7.25; $\frac{1}{2}$ tr. pkt., \$2.25; trade pkt., \$4.00.

PAN-AMERICAN STRAIN

Allegro Improved. Fringed deep salmon. The flowers are larger, more fully double and the color brighter in this improved strain. **Illustrated in color in our Novelty Section.** Trade pkt. Oz.

Caprice Improved. Flowers more double and deeply fringed, color brighter rose in this new improved strain. A very attractive color that will sell on sight.

Nocturne. A deep midnight-purple of Elk's Pride purple. Flowers somewhat semidouble.....

Rhapsody (New). Deep burgundy wine-red. See Novelties.

Sonata. Large, double, pure white flowers. Fine for Mothers' Day. Recommend pinching plants to induce branching. **Illustrated in color on our Inside Back Cover.**

Each of the above: $\frac{1}{4}$ oz., \$16.00; $\frac{1}{128}$ oz., \$8.50; $\frac{1}{2}$ trade pkt., (500 seeds), \$2.75; trade pkt., (1000 seeds), \$4.50.

Glorious Mixture. Contains tall and dwarf types in all of the above colors. This formula mixture is first class in every respect. $\frac{1}{32}$ oz., \$28.00; $\frac{1}{4}$ oz., \$14.50; $\frac{1}{128}$ oz., \$7.50; $\frac{1}{2}$ trade pkt. (500 seeds) \$2.25; (1000 seeds) \$4.00

Colossal Shades of Rose Improved. Giant double blooms up to 5 inches or more across on vigorous compact plants. Containing 80% rose and new salmon shades. Make fine 4 to 5 inch pot plants for Easter, Mothers' Day and spring combinations. $\frac{1}{4}$ oz., \$10.00; $\frac{1}{128}$ oz., \$5.50; 500 seeds \$1.65; 1000 seeds 2.75

All Double Orchid (Burpee). See Novelties..... $\frac{1}{128}$ oz., \$8.50; $\frac{1}{4}$ oz., \$16.00; $\frac{1}{2}$ trade pkt., \$2.75 4.50

All Double Dwarf (Victorious) Fringed

NEW AND IMPROVED VARIETIES

Illumination Improved. The brightest of all Victorious Petunias. A bright red overlaid with a scarlet sheen. Our very best as to color, plant habit and size of flower; a must for pot plant growers.

Mayflower. Bright carmine-red veining on white with large and well fringed flowers.

Each of the above, $\frac{1}{128}$ oz., \$8.50; $\frac{1}{2}$ Trade pkt., (400 seeds), \$2.50; Trade pkt., (800 seeds), \$4.50.

Fantasy. A variegated form of Blue Brocade. Conspicuously striped with rich, velvety violet blue and white.

Prima Donna (Salmon). The nearest to orange in Petunias. The flowers are large, well fringed and the plant habit uniformly dwarf.

Purple Glow. Deep glowing purple with velvety blue sheen. The flowers are well fringed, measuring $3\frac{1}{2}$ to 4 inches across and the habit of growth uniformly dwarf.

Silver Blue. Now available to the trade a clear blue without marked veination formerly found in this color. The flowers are large and well-fringed.

Each of the above, $\frac{1}{2}$ Trade pkt., (400 seeds), \$2.50; Trade pkt., (800 seeds), \$4.50.

POPULAR STANDARD VARIETIES

Attraction. The brightest carmine-rose and white combination of the Victorious Series. Dwarf and bushy in habit with flowers well doubled and fringed.

Blue Brocade. Profuse bloomer of true violet blue. The fringed flowers of $3\frac{1}{2}$ to 4 inches across are borne on stocky plants 10 inches in height.

Gaiety. A bicolor in rose or light rose-red with white ground. Except for lighter tones, similar to "Attraction".

Loveliness. La France or salmon pink; an especially valuable color to the florist, has the uniformity of growth and habit of World Beauty.

Pure White Improved (Snow Ball). Same dwarf uniform habit of rosy-carmine with large well fringed flowers of the purest white. A fine Mother's Day pot plant.

Rosy Carmine Improved. (World Beauty or Pink Perfection). Uniformity of growth and a brighter rose color shall increase the popularity of this variety more than ever. What could be better than a plant of 8 to 10 blooms with this appealing color, fringing and doubleness to attract pot plant sales.

All Double Dwarf Giant Fringed Mixed (Victorious). The flowers are very large, exquisitely ruffled and fringed. Our mixture contains a very large per cent of separate colors, thereby giving you a better balanced color range than has been ever offered.

Each of the above, $\frac{1}{2}$ Trade pkt., (400 seeds), \$2.25; Trade pkt., (800 seeds), \$4.00; $\frac{1}{4}$ oz., \$12.00; $\frac{1}{32}$ oz., \$23.00.

All Double Canadian Mixture. Full double flowers in a blend which includes rose, pink, salmon, white and mauve. $\frac{1}{32}$ oz., \$24.00; $\frac{1}{4}$ oz., \$12.60; $\frac{1}{128}$ oz., \$6.65; $\frac{1}{2}$ trade pkt., \$2.00; Trade pkt., \$3.50.

Portulaca—Moss Rose

Sow thinly in flats which can be easily handled for late spring sales. Trade pkt. Oz.

Single large-flowering sorts, mixed..... $\frac{1}{4}$ oz., 80c \$0.25 \$2.70

Single Jewel. A brilliant deep crimson coloring; flowers four times as large as the average..... $\frac{1}{8}$ oz., \$1.10; $\frac{1}{4}$ oz., \$1.90 .60 6.60

Double Finest Mixed. Practically 100% full-double. $\frac{1}{4}$ oz., \$1.10 .35 3.90

Scarlet Glow..... $\frac{1}{4}$ oz., \$1.00 .40 3.70

Pyrethrum Parthenifolium Aureum (Golden Feather) $\frac{1}{4}$ oz., 35c .20 1.00



PRIMULA Obconica Grandiflora Fasbender Red

Primula Obconica

GIGANTEA WYASTON WONDER HYBRIDS.

These have huge heads of flowers carried on strong stems well above the foliage. In spite of the vigorous growth they make a compact and tidy plant.

	Trade pkt.
Crimson..... $\frac{1}{32}$ oz., \$5.50; $\frac{1}{64}$ oz., \$3.00	\$1.25
Grandiflora Avalanche. White..... $\frac{1}{32}$ oz., \$4.75; $\frac{1}{64}$ oz., 2.50	1.25
Appleblossom. Pink..... $\frac{1}{32}$ oz., \$4.75; $\frac{1}{64}$ oz., 2.50	1.25
Better Days. Deep carmine-red. Very large-flowering. The compact, well branched growth is very symmetrical and the mass of flower heads shows evenly above the dark green foliage, on strong stems.	$\frac{1}{32}$ oz., \$4.75; $\frac{1}{64}$ oz., \$2.50 1.25
Dark Blood Red..... $\frac{1}{32}$ oz., \$4.75; $\frac{1}{64}$ oz., \$2.50	1.25
Sky-Blue (Konigssee). Extra-large flowers..... $\frac{1}{32}$ oz., \$4.75; $\frac{1}{64}$ oz., \$2.50	1.25
Fasbender Red. Flowers rich deep red of enormous size. Outstanding variety..... $\frac{1}{32}$ oz., \$4.75; $\frac{1}{64}$ oz., \$2.50	1.25
Lachsrosa. A beautiful salmon-rose..... $\frac{1}{32}$ oz., \$4.75; $\frac{1}{64}$ oz., \$2.50	1.25
Mohnstein's Dark Red..... $\frac{1}{32}$ oz., \$4.75; $\frac{1}{64}$ oz., \$2.50	1.25
Mueller's (Berlin) Rose..... $\frac{1}{32}$ oz., \$4.75; $\frac{1}{64}$ oz., \$2.50	1.25
Perle van Niederrhein. Strong growing, large flowered and free blooming scarlet red..... $\frac{1}{32}$ oz., \$4.75; $\frac{1}{64}$ oz., \$2.50	1.25
Rose Queen. Large blooms of great substance, bright carmine rose..... $\frac{1}{32}$ oz., \$4.75; $\frac{1}{64}$ oz., \$2.50	1.25
Mixed, many colors..... $\frac{1}{32}$ oz., \$4.75; $\frac{1}{64}$ oz., \$2.50	1.25

Primula Chinese Giant

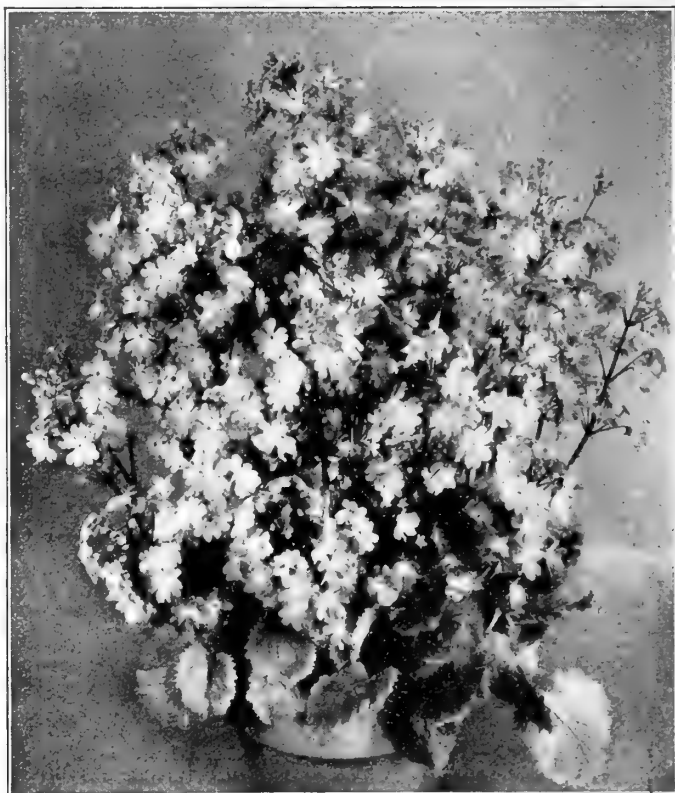
Chiswick Red Improved. Red.....	1.25
Covent Garden White.....	1.25
Dazzler. A brilliant and unique shade of orange-red, exceptionally floriferous and long lasting.....	1.25
Giant Pink. Extremely large petals of great substance. Improved strain of Queen Mary.....	1.25
Giant Salmon.....	1.25
True Blue.....	1.25
Vaughan's Special Mixture.....	1.25

Primula Chinensis Stellata

This type is indispensable for general decorative work. The plants are very floriferous and bloom for a long period. It is a good keeper, the flowers remain fresh in water for many days.

Giant Star Mixed. Trade pkt., \$1.25.

Kewensis. Yellow. Decorative, winter-flowering greenhouse plant. 12 in., trade pkt. 60c.



PRIMULA Malacoides Erikssoni

Primula Malacoides (Baby Primrose)

Recent improvements in this Baby Primrose class have made it indispensable for Florist's use. Seed sown in June will flower for Christmas and September sown seed will produce nice plants for Easter and Mother's Day. Sow in sterile soil.

Erikssoni Varieties

Glory of Riverside Improved. True rose-pink, a strong grower and without a doubt, the most valuable variety for all purposes.

Lavender New Baby Improved. While some flowers are a lavender-pink, this variety does contain the most beautiful shades of lavender.

Lilac Beauty. The color is a pure soft lilac, absolutely fixed. This is another fine color for making up artistic combinations.

Red New Baby Improved. Glowing red, large flowered. A heavy producer on long stems.

Formula Special Mixed. A real choice blend of the above varieties.

Each of the above, trade pkt., \$1.25.

New Giant Malacoides

Enchantress. A soft salmon rose. The well rounded flowers are $\frac{3}{4}$ to 1 inch in diameter and a well grown plant will have 50 or more heavy stemmed spikes. Trade Packet (about 1,000 seeds), \$2.00.

Snowflake. Flowers of purest snow white. Beautifully formed 1 inch florets adorn the stately stems and are sharply highlighted by the lush green foliage. Trade pkt. (about 1,000 seeds), \$1.50.

Double Fairy Jewels. The color is a lovely, rich rose pink slightly deeper in the center than the outer or older petals. The strain comes 90% to 95% double from seed. Trade Packet (about 1,000 seeds), \$1.50.

Mixture. A mixture of giant varieties. Trade Packet (about 1,000 seeds), \$1.50.

Malacoides Various Sorts

	Trade pkt.
Dawkins Carmine Pink.....	1000 seeds \$1.25
Giant Crimson.....	1000 seeds 1.25
Porcelain (Delft Blue).....	1000 seeds 1.25
Princess Mary. Deep rose pink..... $\frac{1}{64}$ oz., \$2.50; 1000 seeds	1.25
Salmon Rose..... $\frac{1}{64}$ oz., \$2.20; 1000 seeds	1.25



SALVIA Splendens Vaughan's Masterpiece



SCHIZANTHUS Vaughan's Masterpiece

Ricinus—Castor Beans

	Trade pkt.	Oz.
Borboniensis Arboreus. Immense plant, green leaves. 15 ft.	¼ lb., \$1.35	.... \$0.40
Cambodgensis. Darkest maroon leaves, stalk nearly black, 4 ft.	¼ lb., \$1.35	.... .40
Crimson Spire. Large purplish leaves changing to bronzy green. The stems, stalks and veins are rich red. The seed spikes and seed pods are brilliant rosy crimson. Most showy of all. 6 ft.	¼ lb., \$1.35	.... .40
Gibsoni. Mulberry colored, foliage	¼ lb., 1.35	.... .40
Mixed. Many kinds.	¼ lb., .90	.... .30
Zanzibarensis Mixed.	¼ lb., .90	.... .30

Salvia Splendens

Sow seed in flats and give bottom heat, as this helps germination of seed considerably.

	Trade pkt.	Oz.
America (Globe of Fire). A favorite with many growers. Plants grow about 18 inches high, in uniform dense globe-shaped bushes.	¼ oz., \$1.50	\$0.60 \$5.00
Blaze of Fire. Orange scarlet. The earliest of all, dwarf early flowering.	¼ oz., \$2.20; ½ oz., \$3.90	.85 7.00
Brightness. (New). An Improved Splendens Type.	See Novelty pages. ¼ oz., \$1.15	.50 4.00
Harbinger. 16 in. Very early, scarlet.	¼ oz., \$1.55	.60 5.50
Clara Bedman (Bonfire). Erect habit—the old standby	¼ oz., \$1.50	.60 5.00

Vaughan's Masterpiece. The finest dwarf extra early flowering variety. Massive scarlet spikes; even compact habit. ¼ oz., \$1.40; ¼ oz., \$2.50 \$0.85 \$9.00

	Trade pkt.	Oz.
Rose Flame. Rich coral pink.	¼ oz., \$1.55	\$0.60 \$5.50

	Trade pkt.	Oz.
St. John's Fire. Our own Reselected Strain. See Novel- ties for color illustration and description.	¼ oz., \$1.55; ¼ oz., \$2.75; ½ oz., \$4.75	.85 8.50

	Trade pkt.	Oz.
Salvia Farinacea Blue Bedder. 3 ft. Compact plant, deep blue flowers effective in mass planting. The long graceful stems are useful for cutting.	¼ oz., \$1.10	.40 4.00

See also Perennial Pages.

Schizanthus

A January sowing will make choice 3 in. plants for spring combinations. Use Schizanthus flowers in corsages. They are long lasting and make up very attractively.

	Trade pkt.	Oz.
Vaughan's Dwarf Masterpiece. The plants grow dwarf and compact, making them most suitable for pot culture. The color range of the flowers, which are of good size, is the most varied, well balanced from light pink and rose, to a very pleasing dark violet, all with conspicuous blotches.	¼ oz., \$1.10; ½ oz., \$1.80	\$0.60
Wisetonensis Monarch Strain. The finest strain of large flowered hybrids.	¼ oz., \$2.20; ½ oz., \$1.35	.60
Vaughan's Excelsior Hybrids. A choice strain with very large flowers in an excellent blend of colors. A splendid cut flower item. ¼ oz., \$1.20; ½ oz., \$1.90		.60 ...
Bridal Veil. Pure white, excellent.	¼ oz., \$1.35	.85 ...
Dr. Badger's Hybrids. Is compact, grows 8-10 in. high. Brilliant colors.	¼ oz., \$1.20	.40
Pansy-flowered. The large pansy-flowered blooms are remarkably substantial, while the rich self-colors are extremely bright and attractive.	¼ oz., \$1.90; ½ oz., \$1.10	.40

Salpiglossis

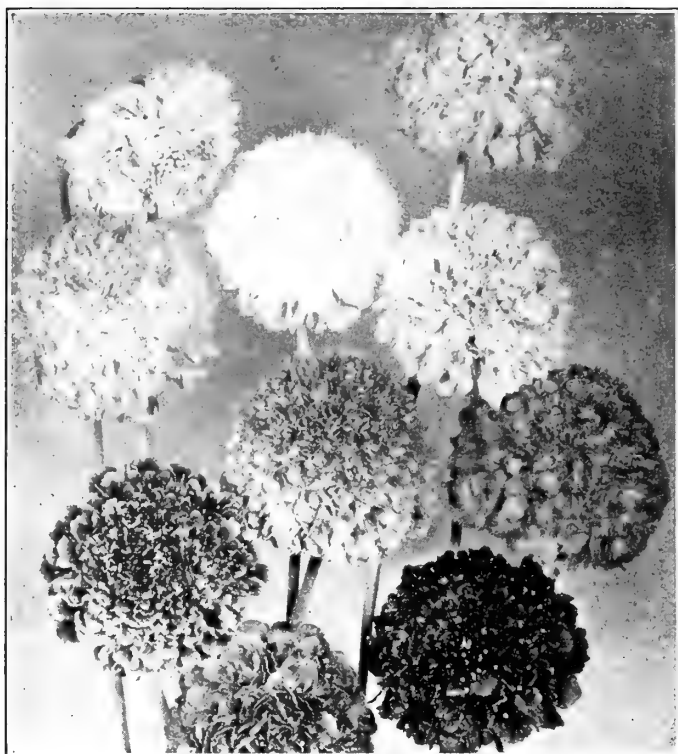
Excellent summer-flowering showy annuals that are easily grown and fine for cutting. Sow seed where you want them to bloom, as they resent transplanting. Seed sown in greenhouse in January will bloom in May.

	Trade pkt.	Oz.
Emperor Mixed. Easily grown annual, seed sown in greenhouse in January will provide blooms in May; can be sown outdoors later. Excellent for cutting.	¼ oz., 35c	\$0.25 \$1.00
Vaughan's Special Mixture.	¼ oz., 50c	.30 1.60
Giant-Flowered Dwarf Mixed. These have a compact branching habit, with individual flowers half again as large as the Emperor type. Are ideally suited for bedding purposes. 20 in.	¼ oz., 50c	.30 1.60

	Trade pkt.	Oz.
Sanvitalia (Creeping Zinnia) Procumbens Fl. Pl. Double yellow, dwarf, fine edging.	¼ oz., 55c	.30 1.90
Saponaria Vaccaria Rose. Sometimes called Pink Gypsophila. Light graceful sprays of glistening flowers produced in greatest profusion.	¼ lb., 90c	.... .30
Vaccaria alba, White.	¼ lb., 90c	.... .30

New Saintpaulias

	Trade pkt.	Oz.
Blue Fairy Tale. (New). Ultramarine blue with bright eye. See Novelties.		\$1.50
Hybrids. Varied shades of blue. See Novelties.		\$1.50
Ionantha Grandiflora. Dark blue. See Novelties.		\$1.50



SCABIOSA Vaughan's Super Crown Imperial Mixed

Scabiosa Double Large Flowering (Pincushion Flower)

	Trade pkt.	Oz.	
Azure Fairy. Azure-blue. A splendid cut flower.	1/4 oz., 30c	\$0 20	\$0 90
Black Prince. Black-purple.	1/4 oz., 30c	.20	.90
Blue Moon. Deep lavender-blue.	1/4 oz., 75c	.30	2.40
Cherry-Red.	1/4 oz., 30c	.20	.90
Coral Moon. (New). 4 ft. Broad frilled petals in varying shades of medium to deep salmon, clear and luminous.	1/4 oz., 75c	.30	2.40
Loveliness. Soft delicate salmon-rose color. Delightfully fragrant.	1/4 oz., 30c	.20	.90
Rosette. Beautiful shade of deep rose heavily suffused with salmon.	1/4 oz., 30c	.20	.90
Salmon Beauty. A pure salmon in color with huge flowers and with great vigor of growth.	1/4 oz., 30c	.20	.90
Shasta. Pure white of enormous size.	1/4 oz., 30c	.20	.90
Vaughan's Super Crown Imperial Mixed. Extremely large flowers composed entirely of broad frilled petals arranged in a perfect ball. Plants are tall, upright and bear flowers on long wiry stems. A complete range of colors. Excellent for cutting. 3 ft.	1/4 oz., 55c	.35	1.80
Vaughan's Special Mixture.	1/4 oz., 40c	.25	1.40
Dwarf. Heavenly blue.	1/4 oz., 60c	.30	2.20
Mixed Dwarf. 8 in.	1/4 oz., 55c	.30	1.80

Statice

Attractive annuals of easy culture that can be used as fresh or everlasting flowers.

<u>Sinuata</u> . Kampf Improved variety. Tall, brilliant deep blue	Pure White
Lavender Queen	Rosea Superba
Market Growers. Deep Blue	Pastel Shades Mixed
	New Colors Mixed

	Trade pkt.	Oz.	
Each of the above.	1/4 lb., \$1.75; lb., \$5.20	\$0 20	\$0 50
Market Rose. A deeper warmer color than Rosea Superba. Excellent stems and color for florist cutting.	1/4 lb. \$2.00	.25	.60
Bonduelli. Golden yellow.	1/4 lb., \$1.60	.20	.50
Suworowii. Russian or Rat Tail. Flowers bright rose color. Can be grown in cool house. 30 inch.	1/4 oz., 45c	.20	1.35

See also Perennial pages.



SOUTHERN STAR OXYPTALUM

Southern Star (*Oxyptalum Coeruleum*). Star-shaped flowers, 1 in. across, are borne in long loose sprays. The stems arch so that the azure blue flowers, veined or penciled with silver, face upward. Foliage is a grayish-green. 1/4 oz., \$1.00 \$0.40 \$3.60

Shamrock. 1/4 oz., 40c .25 1.30

Smilax Asparagoides. Ornamental climbing foliage plant. 1/4 oz., 85c .40 ...

Snapdragon. See *Antirrhinum*.

Tigridia Mixed (Shell flower of Mexico). Few flowers are more gorgeously colored or more beautiful. "Beauty For A Day" is another name, for soon after the bulbs form it sends up leafy stalks which bear strikingly beautiful flowers in succession. Treat as a *Gladiolus* in the north. 1/8 oz., \$1.10 .60 ...

Tithonia Torch. (New). Brilliant orange-scarlet flower, borne on stout stems, excellent for cutting. Early free flowering. 4 ft. All America Silver Medal Winner for 1951. 1/8 oz., \$1.40; 1/4 oz., \$2.20 .60 7.00



TITHONIA Torch

Stocks

Our Stocks are produced by the most careful growers and are equal to the best in the market.

Varieties preceded by star (★) are the most popular colors.

A leaflet on "Methods of Selecting Double Flowered Stock in the seedling Stage," by Prof. S. L. Emsweller, will be included in all orders for Column Stocks seed.

GIANTS OF CALIFORNIA

This magnificent group comes very early, having the branching habit of the Bismarck, with mammoth flowers on longer stems. When planted close they make one long spike of mammoth florets closely packed around the stem.

Good-Red "The Red Woods" Rose "Yosemite"
 Blue "Pacific" Rose Carmine "Sequoia"
 Chamois "Santa Barbara" Velvety Violet "Mojave"
 Lavender "Tahoe" White "Santa Maria"
 Pink "Monterey" Yellow "Golden Gate"
 Each of the above, Trade pkt., 40c; 1/8 oz., 80c; 1/4 oz., \$1.40; 1/2 oz., \$4.80.

Giants of California Mixed. Trade pkt., 40c; 1/8 oz., 75c; 1/4 oz., \$1.35; 1/2 oz., \$4.40.

IMPROVED GIANT BISMARCK (Early Giant Imperial)

One of the best Stocks, for both inside and outside planting. The plants grow in pyramidal form, about 2 1/2 ft., are strong and bushy and are covered with large double flowers. Plant close and the outer center shoot as soon as safe to get more and longer side branches which that way produce more flowers.

Antique Copper. Appleblossom. (Blush-pink).
 Buttercup. Deep golden yellow.
 Chamois. Dark Blue. Elk's Pride. (Royal purple).
 Flesh. Pale coral pink. Fiery Blood-Red.
 Golden Rose. ★Lavender. ★Lilac. ★Rose.
 Shasta. Vigorous, glistening white. Trade pkt. Oz.
 Each of the above. 1/8 oz., 75c; 1/4 oz., \$1.20 \$0.40 \$3.80
 Giant Bismarck Mixed. All colors. 1/8 oz., 75c; 1/4 oz., \$1.20 .40 3.80

"NON-BRANCHING" COLUMN STOCKS

These produce one enormous spike with large flowers, 2 to 2 1/2 ft. high, and can be planted close together in the bench, which makes them a profitable type. Are in season with Bismarck variety.

American Beauty. Rich deep carmine rose.
 Apricot (No. 20). Strong growing buff with a faint pink tinge.
 Blue. Dark lilac blue.
 Chamois Pink. A warm rosy buff color.
 Deep Apricot. Slightly darker color than Apricot No. 20 above.
 Extra Dwarf White No. 5. This dwarf Column stock grows but 12 to 14 in. and resembles a white Hyacinth. As soon as plants come into bud and you can determine the doubles, pan them together, putting 3 to 4 in a 6 in. pot. You will find ready sale as Easter pot plants.

Hardenia Improved. Flowers of the purest white. Larger individual floret; plant grows at least 6 in. taller and comes into flower 10 days earlier than the regular strain. Needs disbudding.

Impression. Scarlet red.

Lilac Lavender. Same as Silvery Lilac.

Link Giant. (New). Rich rose. See Novelties.

Link (No. 11). Light rose-pink, exact shade of Bismarck Rose.
 Purple Heart. Long stemmed, bright violet purple.

Rose Pink (No. 14). A deep selection from No. 11; a rose-pink, not a deep heavy rose. Good market color. Long-stemmed, about ten days later than No. 11.

Silby. Rich crimson red.

Silvery Lilac. Lilac lavender.

Supreme No. 22. Rich silvery rose with extra long stems and fine heavy spike.

Vaughan White No. 1. A companion to Silvery Lilac in height and bloom-date.

White Giant. (New). Long stemmed pure white. See Novelty pages.

White Improved No. 16. Semi-tall. Early pure white, with large florets and compact spike.

Yellow Wonder. Best yellow.

Special Florist Mixed. Mixture of the best selling colors.

Each of above: 1/2 tr. pkt., 70c; tr. pkt. (about 1200 seeds), \$1.15; 1/4 oz., \$1.50; 1/2 oz., \$2.75; 1 oz., \$10.00.



STOCKS NON-BRANCHING COLUMN WHITE IMPROVED No. 16

DWARF LARGE-FLOWERING TEN WEEKS

Compact pyramidal growth, excellent for pots, bedding or combinations. Not desirable for cutting.

	Blood-Red	Dark Blue	Lavender	
Bright Pink		Deep Rose (Carmine pink)	White	
Canary Yellow				
Each of above	1/4 oz., 65c			\$0.30 \$2.20
Dwarf Large-Flowering 10 weeks. Extra choice.				
Mixed	1/4 oz., 65c			.30 2.20

Stevia Serrata White, fine for cut flowers. 1/4 oz., 90c .40

Tahoka Daisy. An unusually beautiful lavender-blue Daisy with fern-like foliage. Carried on good long stems, the flowers are many-rayed, with long slender petals of pure lavender-blue, center deep yellow. 1/4 oz., 75c .30 2.50

Sweet Peas Early-Flowering Spencer



SWEET PEAS, SPRING FLOWERING (Cuthbertson)

By the use of the star-symbol (★) we have indicated the varieties which, according to our experience, have proved the most satisfactory in the various colors and classes.

Nitragin for inoculating Sweet Pea Seed, Garden Size Packet, 15c. Sweet Peas should be inoculated with Nitragin before planting.

Any of the following, $\frac{1}{2}$ oz., 35c;
1 oz., 55c; $\frac{1}{4}$ lb., \$1.65; lb., \$6.00.

PINK, ROSE AND SALMON

A. C. Zvolanek. Rich rose-pink. Long stemmed. An improved Mrs. Holscher.

American Beauty. A rich crimson rose.

★Apollo. A soft salmon-cerise. Fine spring bloomer long stemmed.

★Ball Rose Improved. Extra rich deep rose.

Ball Rose Supreme. Large wavy flowers of bright silvery rose pink.

Ball Rose Queen. Extra long stemmed and large flowered clear rose pink.

★Boon. Deep salmon-pink.

★Bridesmaid. Deep silvery pink with stems unusually long.

★Daphne. A soft salmon-pink.

Giant Rose Pink. Fragrant. Rose pink.

Jeanne Mamitsch. Rose pink, long stemmed.

Josie. Brilliant rose-pink, vigorous, large flowers; long stems.

★Laddie Improved. Light rose-pink. Fragrant. Long stemmed.

New Ball Rose. Bright glowing rose. Very free flowering, but shorter vines make it valuable where headroom is limited.

★Sequoia. A rich golden salmon-rose.

ORANGE

★Ball Orange Improved. Clear deep glowing orange.

Fiesta. Brilliant orange cerise, definitely sunproof.

★Treasure Island. A sparkling golden orange.

Valencia. Sunproof orange. Long stems for spring blooming.

BLUE, LAVENDER AND PURPLE

Amethyst. An early-flowering "Royal Purple." Fragrant.

Ball Blue Supreme. Much larger flowered than Mrs. Hoover a long stemmed heavy producer.

Blue Bird. Violet blue. Fragrant.

Fragrance. Large filled lavender flowers, for spring blooming.

★Harmony. Popular lavender, fragrant.

★Mrs. Herbert Hoover. Bright blue. Fragrant.

Tahoe. Midblue. Spring blooming.

Top Hat. Deep velvety violet blue.

★Triumph. Deep lilac mauve.

★Twilight. A medium clear lavender.

WHITE AND CREAM

Ball White. Large flowered, long stemmed, pure white.

Cascade. Very large flowered white, white-seeded.

Gardenia. Fragrant velvety white flowers, ruffled and duplexed

★Hope. A mammoth-flowered black-seeded pure white.

Snow Drop. A pure paper white, large flowers, long stems. White Seeded.

★Snow Queen. Pure white, black-seeded. Sow to follow "mums."

★White Champion. Best early-flowering white-seeded white

★White Harmony. A standard black-seeded white.

SCARLET AND MAROON

Bacchus. Mammoth flowered duplex. Rich red maroon.

Grenadier. Dazzling scarlet.

Pride. Pure cerise large flowers on long stems.

Redwood. Dark velvety crimson.

Sparks. Brilliant poppy scarlet.

Top Sergeant. Deep blood-red crimson.

Vaughan's Special Formula Mixture, Early Flowering Spencer from named sorts. $\frac{1}{2}$ oz., 30c; oz., 50c; $\frac{1}{4}$ lb., \$1.50; lb., \$5.50

Cuthbertson Spring Flowering

An important addition to the Sweet Pea family. Chief characteristics of this strain are great vigor, profusion of large fragrant blossoms, extra long stems, clear colors and ability to produce out of doors in those sections where Sweet Peas have been unsuccessful due to hot weather conditions.

Under glass they are sown from the middle to end of October to February for flowering well into late Spring.

Doris. Large waved blossoms, four-flowered sprays of intense brilliance on long stout stems. A distinct shade of cherry-rose.

Ronnie. Large well formed flowers on long stout stems. A deep orange that must be shaded to bring out the true rich color.

Ruth. Large flowers with waved standards of heavy substance freely produced on long thick stems. The color a rich deep rose-pink on white ground.

Each of the above, $\frac{1}{2}$ oz., 35c; oz., 55c; $\frac{1}{4}$ lb., \$1.65; lb., \$6.00.

Billy. Light carmine.

Carol. Clear pink, white ground.

Coline. Scarlet.

Danny. Brilliant navy blue.

David. Bright rose crimson.

Evelyn. Salmon cream pink.

Frances. Salmon on white ground.

Frank G. Rosy lavender.

Hazel. Light blue.

Janet. Black seeded white.

Jessie. Rich mauve shade.

Jimmy. Deep scarlet of good substance and size.

Katie. Rose cream pink.

Kenneth. Rich ox blood crimson.

Lois. Rose pink, white ground.

Marion. Cream black seeded.

Tommy. Clear medium blue.

William. A picotee rose pink on white background.

Each of above, $\frac{1}{2}$ oz., 35c; oz., 55c; $\frac{1}{4}$ lb., \$1.65; lb., \$6.00.

Mixed. All the above and others. $\frac{1}{2}$ oz., 30c; oz., 50c; $\frac{1}{4}$ lb., \$1.50; lb., \$5.50

Summer Flowering Spencer Sweet Peas

Any of the following: oz., 30c; ¼ lb., \$1.00; lb., \$3.60.

Ambition. Rich, deep lavender.
 Ascot. Bright pink.
 Avalanche. Glistening white.
 Bonnie Briar. Large rose-pink.
 Bridal Veil. White.
 Chinese Blue. Rich deep blue.
 Crimson King. Rich deep clear crimson.
 Ecstasy. Blush pink.
 Flag Ship. Deep navy blue.
 Gigantic. Largest and best black-seeded white.
 Gleneagles. Large lavender.
 Highlander. Pure lavender.
 King White. Gigantic flowers of pure white.
 Mrs. Tom Jones. Bright blue.
 Pinkie. Rose-pink.
 Powers Court. Lavender.
 Prince of Orange. Deep orange.
 Red Supreme. Deep crimson.
 Ruffled Burpee Blue. Dark blue.
 Ruffled Crimson. Rich crimson.
 Ruffled Exquisite. Salmon-cerise.
 Ruffled Fluffy Ruffles. Cream pink.
 Ruffled Rose.
 Ruffled White. White seeded.
 Ruffled Mixed.
 Tangerine Improved. Glowing orange.
 Warrior. A fine maroon.
 Welcome. Dazzling scarlet.
 Vaughan's Florists' Mixture of Summer Spencer Varieties.
 Oz., 25c; ¼ lb., 85c; lb., \$3.00.



STRAWBERRY Baron Solemacher

STRAWBERRY BARON SOLEMACHER

Red. A good Mothers' Day item of the Alpine (non-runner) type. This can be had in fruit (and flower) on Mothers' Day, if sown in January. 3 plants in a 5 inch Azalea pot is the way to grow it. The plants will produce berries all Summer and Fall. Trade Packet, 60c; ½ oz., \$1.00; ¼ lb., \$1.80.

Yellow. Identical to the above, except golden in color, and of even finer flavor. Trade Packet 60c; ½ oz., \$1.00; ¼ lb., \$1.80.

Thunbergia Mixed. Fine climber for window boxes and hanging baskets. Trade pkt. Oz. ¼ oz., 50c \$0.30 \$1.60

Gibsoni. A lovely graceful climber for trellis work in greenhouses, or may be flowered outdoors in summer in mild climates. It has glistening green ivy-shaped foliage and flowers of most brilliant glowing orange. 100 seeds, \$1.65; 1000 seeds, \$13.50



STREPTOCARPUS

Streptocarpus (Cape Primrose)

Flowers attain a diameter of 2 inches and over, similar to Gloxinias. They are borne on wiry stems and last long when cut. A fine pot plant for winter-blooming, when sown in January or February.

Red	Each, trade pkt., \$1.10	Rose	Trade pkt. Oz.
Mixed. A blend of rich colored sorts from prize varieties.....	¼ oz., \$3.00	\$1.10	.....

Solanum

ORNAMENTAL PEPPER, "CHRISTMAS CHERRY"

Bird's Eye Pepper Improved. The fruits are larger and as freely produced as the ordinary. They come on white, then turn blue and finally red.

.....	¼ oz., \$1.10	\$0.40
-------	---------------	--------	-------

Vaughan's Candle Pepper. An attractive strain of this popular Christmas plant. The peppers, which are one inch long and decidedly pointed, are creamy-yellow changing to red, producing a striking candle effect. These finely tapered peppers, which grow upright, give the plant a much daintier appearance than the old Celestial variety. If plants are pinched once, they will develop into larger and heavier plants..... 500 seeds, \$1.00.

Celestial Pepper (Christmas Pepper)....	¼ oz., \$1.10	.40	\$3.30
---	---------------	-----	--------

Christmas Cherry Improved.....	¼ oz., \$1.10	.40	3.30
--------------------------------	---------------	-----	------

Craigii. Dwarf compact plants bearing up-pointing cone-shaped fruits. At first fruits are creamy-white, turning to bright orange and finally a glowing scarlet. The fruits are freely produced and literally cover the plant; often all three color variations will be found on one plant..... ¼ oz., \$1.65

.60	5.50
-----	------

Felger's Orange. The berries are larger than that of Cleveland Cherry and are well up on top of the foliage. In 6 inch pots the plant will have a spread of 18 to 20 inches..... ¼ oz., \$1.35

.60
-----	-------

Hlavacek's "Masterpiece." More compact than the old type and produces cherries much more freely. ¼ oz., \$1.35

.60
-----	-------

Integrifolium (Love Apple). The species Integrifolium produces fruit about an inch or more in diameter that becomes a most attractive scarlet along in September. It must be cut down before frost hits it and stored cool and dry until used.

The start and planting out of the crop are handled as are tomatoes, for it seems to be a warm temperature plant. ½ oz., \$1.65

.60
-----	-------

Patterson Variety. A compact strain of Christmas Cherry. Fruit medium sized and freely produced well above foliage. Well suited for the smaller-sized pot specimens..... ¼ oz., 85c

.40
-----	-------

Gold Ball. A yellow form of the popular Patterson variety..... ¼ oz., 85c

.40
-----	-------



TORENIA Fournieri

Torenia Fournieri. Makes a fine pot plant for Mother's Day sales. Also good in combination baskets. Flowers blue with dark blotches on lip. 12 in.	1/8 oz., \$1.25; 1/4 oz., \$2.20	\$0.60	....
Fournieri Compacta. Dwarf form of above. 8 in.	1/8 oz., \$1.25; 1/4 oz., \$2.20	.60	....
Fournieri White	1/8 oz., \$1.25; 1/4 oz., \$2.20	.60	....
Fournieri Compacta White	1/8 oz., \$1.25; 1/4 oz., \$2.20	.60	....
Trachelium Coeruleum. Free-growing annual having large cloud-like heads of tiny blue flowers resembling Gypsophila. 18 in.	1/8 oz., \$1.10; 1/4 oz., \$1.95	.40	....
Virginia Stocks. Mixed. A splendid edging plant. Nana Compacta Mixed. Dwarf bushes covered with bright flowers during the entire season. 8 in. ....		.25	\$0.65
		.25	.65

VERBENAS

Gigantea Beauty of Oxford Hybrids. The color shades from clear rose-pink to rose-red.

Alba. Very large, pure white.

Annapolis Blue. Spreading habit, shades of light to deep blue may be found in one flower.

Appleblossom. Delicate cameo pink.

Brightness. Bright rosy scarlet with white eye.

Brilliant. Rich deep flame rose with medium sized white eye.

Cerise Queen. Salmon cerise.

Crimson Glow. A pure glowing crimson without an eye.

Etna. Geranium-red with a small creamy yellow eye.

Floradale Beauty. Rose shades with salmon-rose predominating.

Giant Salmon Pink

Lavender Glory. Large flower umbels. Fragrant. About 80% true.

Lucifer. Red.

Luminosa. Flame pink shading to softer shades of salmon pink.

Rosea Stellata. Pink, white eye.

Royale. Royal blue with creamy eye.

Salmon King. (New). Clear deep salmon. See Novelty pages.

Spectrum Red. Intense pure bright red without eye.

Violacea Stellata. Violet, white eye.

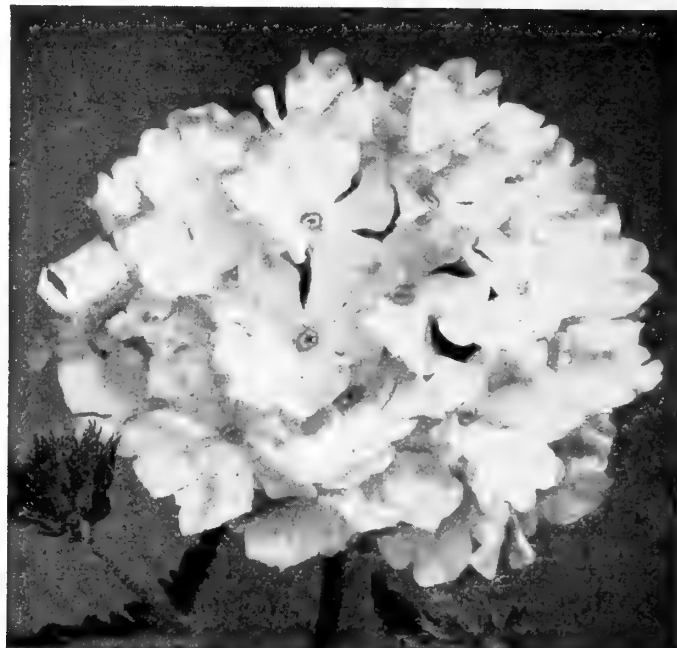
Vivid. (New). Brilliant sunproof scarlet. See Novelty pages.

Each of above. 1/4 oz., 85c \$0.40 \$3.00

Bush Type. Plants are of uniform bushy habit about 8 to 10 in. high and 12 to 15 in. across, with flower heads practically touching each other. Most suitable for borders.

Firelight. (New). Vivid red. See Novelty pages.

1/4 oz., \$1.35 .60 4.50



VERBENA Gigantea Type

VERBENA Bush Type—Continued

	Trade pkt.	Oz.
Roselight. A bright rose-pink with white eye giving a color effect similar to our ever popular Rosy Morn Petunia. Profuse blooming and of uniform habit.	1/4 oz., \$1.35	\$0.60 \$4.50
Salmon Queen. Bright salmon-pink, with a small white eye.	1/4 oz., \$1.35	.60 4.50
Snow White. (New). Pure white. See Novelty pages.	1/4 oz., \$1.35	.60 4.50
Starlight. A bright mid-blue with creamy white eye.	1/4 oz., \$1.35	.60 4.50
Mixed. (New). A well-balanced blend. See Novelty pages.	1/4 oz., \$1.35	.60 4.50
Royal Bouquet Mixed. Upright growth on stems, making it a good cut flower sort and a symmetrical bedding plant. The flowers are very large in many charming colors.	1/4 oz., \$1.35	.60 4.40
Hybrida Defiance. Brilliant scarlet.	1/4 oz., 80c	.40 2.70
Mayflower. Beautiful pink.	1/4 oz., 80c	.40 2.70

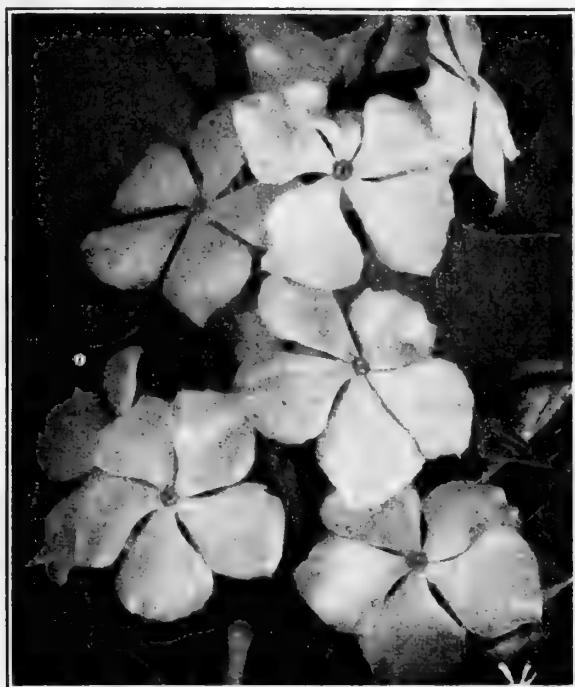
Vaughan's Best Mixed. This is unquestionably the best strain of Verbena seed in existence. It is composed of the best strains, all grown separately, and mixed in the right proportion. Trade pkt., 40c; 1/4 oz., 85c; oz., \$3.00.

DWARF SORTS

	Trade pkt.	Oz.
Dwarf Upright Mixed. Plants are of dwarf upright habit and well branched, producing large flower-heads. Individual florets have clear distinct eyes and the strain comes in a range of bright colors. Coming exceptionally early, this strain is especially recommended for pot plants; fine for bed and border.	1/4 oz., \$1.50	\$0.75 \$5.00
Dwarf Blue Sentinel. Rich navy blue.	1/4 oz., \$1.65	.60 5.00
Dwarf Splendor. Scarlet white eye.	1/4 oz., 85c	.40 3.00
Dwarf Violet Bouquet. Flower opens deep violet tinged garnet changing to deep violet, cream color eye.	1/4 oz., \$1.10	.40 3.30
Dwarf White.	1/4 oz., \$1.10	.40 3.30
Vaughan's Special Mixture Dwarf Verbenas. This is made from separate colors and a most complete mixture. Trade pkt., 40c; 1/4 oz., \$1.10; oz., \$3.30.		

VARIOUS SORTS

	Trade pkt.	Oz.
Bipinnatifida (Fern-leaved Verbena). The plants reach 18 in. in height by 2 ft. wide with great piles of ferny, feathery gray-green foliage covered with clusters of lavender-blue flowers.	1/4 oz., \$1.10	.40 \$4.00
Erinoides (Moss Verbena) Purple, 1 ft.	1/4 oz., 65c	.30
Lemon (Citriodora)	1/8 oz., \$1.10; 1/4 oz., \$2.00	.40
Venosa. Heliotrope blue, fine for bedding.	1/4 oz., 65c	.30



VINCA ROSEA

ZINNIAS

Zinnias are heat-loving plants and seed should not be sown until the ground and atmospheric conditions are warm. If grown in a sunny spot in well-fertilized soil and watered freely, the flowers will be more completely double. Nearly all will vary somewhat in trueness. Zinnia seed may be sown inside in February and March for cutting inside. Seed sown in April will bloom May 20 to June 10. Inside sown in May for inside cutting will bloom June 10 to 20.

PUMILA FL. PL.

This is called the "Cut and Come Again" type.

Alba Plena. Snowball.	Salmon-Rose. Remarkable
Aurea. Golden orange.	shade, good for cut flowers.
Coccinea Plena. Fireball.	
Pinkie. Rose-pink.	

Spun Gold. Delicately tinted butter-yellow.	Trade pkt. Oz.
Each of the above..... $\frac{1}{4}$ oz., 35c	\$0.25 \$1.00

Vaughan's Special Pumila Mixed. The above shades.	
..... $\frac{1}{4}$ oz., 35c; $\frac{1}{4}$ lb., \$3.60	.25 1.00

Sunshine Tints..... $\frac{1}{4}$ oz., 35c	.25 1.00
--	----------

Vaughan's Mixture of Midget Zinnias. Single, double and semi-double flowers are produced in abundance. Rich in orange, red, maroon and yellow tones, some showing red tipped with gold, salmon and gold, pure gold and rich cream..... $\frac{1}{4}$ oz., 65c .30 2.20

LILLIPUT OR POMPON 1 $\frac{1}{2}$ to 2 ft.

Flowers the size of large button type of Pompon "Mum."

Black Ruby. deep blackish maroon	Purple
Canary Yellow	Rose Bud
Crimson	Salmon-Rose. A lovely color
Dainty Gem. Dainty bicolor rose	Scarlet Gem
Deep Flesh. Bright pink	Valencia. Burnt orange
Golden Gem. Golden orange	White Gem

Pastel Mixture	Trade pkt. Oz.
Each of above..... $\frac{1}{4}$ oz., 40c;	\$0.25 \$1.10

Vaughan's Special Lilliput Mixture.....	
..... $\frac{1}{4}$ oz., 40c; $\frac{1}{4}$ lb., \$3.60;	.25 1.10

Lilliput Tom Thumb Mixture. Small double flowers cover the plants which grow 6 inches tall. Red, orange, pink, yellow and white pastels. Delightful for low bowls.....	$\frac{1}{4}$ oz., 40c	.25 1.10
--	------------------------	----------

Vinca Rosea

These are slow growers and must be started early. They are splendid as bedding plants or for combinations. They bloom all summer until frost and do well in either sun or partial shade. These should be in every florist's order for bedding plant seeds. Make good cut flowers.

	Trade pkt. Oz.
Rosea. Pink, 1 ft..... $\frac{1}{4}$ oz., 65c	\$0.30 \$2.00
Fl. Alba Oculata. White with pink eye. $\frac{1}{4}$ oz., 65c	.30 2.00
Alba Pura. Pure white..... $\frac{1}{4}$ oz., 65c	.30 2.00
Delicata. Soft pink..... $\frac{1}{4}$ oz., 65c	.30 2.00
Mixed..... $\frac{1}{4}$ oz., 65c	.30 2.00

Venidium

Fastuosum. 2 to 3 ft. Above the grayish silky foliage rise numerous orange flowers marked with a purple-black zone averaging four to five inches across.....	$\frac{1}{4}$ oz., 90c	.40
--	------------------------	----------

Fastuosum Hybrids. 2-3 ft. A race with a remarkable range of colors, from pure white through ivory, yellow and buff, set off by glistening black centers with maroon markings at base of petals. $\frac{1}{4}$ oz., \$1.00	.40
--	----------

Viscaria Oculata. Mixed..... $\frac{1}{4}$ oz., 45c	.25 1.60
---	----------

Xeranthemum (Everlasting). Superbissimum (Pompon) mixed.....	.25 1.40
--	----------



ZINNIA Lilliput Vaughan's Special Mixture

CUPID ZINNIAS 1 ft.

The Smallest of All

Compact plants about 1 ft. tall, consist of a large number of slender branches which give the plant a well rounded bushy habit. Each of the numerous upright stems bears a miniature flower which hardly exceeds 1 in. in diameter. Useful for corsage making.

Goblin. Golden orange.	Pixie. Bright yellow.	
Tiny Tim. Rich scarlet.	Trade pkt. Oz.	
Each of the above..... $\frac{1}{4}$ oz., 50c	\$0.30 \$1.60	
Mixed..... $\frac{1}{4}$ oz., 35c	.25 1.10	

Persian Carpet (New). Honorable Mention All America Selections 1952. For color illustration and description see Novelty Pages..	$\frac{1}{4}$ oz., \$1.50	.50 4.50
---	---------------------------	----------

Red Riding Hood. Scarlet. Button type.....	$\frac{1}{4}$ oz., 50c; $\frac{1}{2}$ oz., 85c; 4 ozs., \$4.40	.30 1.35
--	--	----------

Riverside Beauty. Rich azalea-pink. See Novelties.	$\frac{1}{4}$ lb., \$9.00; $\frac{1}{4}$ oz., \$1.00	.50 3.00
--	--	----------

ZINNIAS—Continued

DAHLIA-FLOWERED 2½ to 3 ft.

The plants grow tall, are well branched and the colors are very distinct and striking; the flowers are double and large size.

Canary Bird, primrose	Illumination, deep rose
Crimson Monarch, best red	Luminosa, bright deep pink suffused with salmon
Dream, deep lavender	Meteor, deep rich red
Eldorado, rose on deep salmon	Oriole, orange and gold
Exquisite, light rose, center deep rose	Polar Bear, white
Golden Dawn, golden yellow	Royal Purple
	Scarlet Flame, bright scarlet

Each of the above..... Trade pkt. Oz.
 .. ¼ oz., 50c; ½ oz., 85c; ¼ lb., \$4.40; lb., \$15.50 \$0.30 \$1.35

Dahlia-Flowered, Gold Medal Hybrids. A superior mixture containing many new varieties.....
 ... ¼ oz., 50c; ½ oz., 85c; ¼ lb., \$4.40; lb., \$15.50 .30 1.35

CALIFORNIA GIANTS 3 to 4 ft.

They are larger than Colossal and a cross between that and the Dahlia-flowered types. They have smaller, flat centers, with more loosely placed petals. The petals are attractively imbricated.

Brightness. Bright, deep rose	Isabellina. Soft cream-yellow
Cherry Queen. Brilliant cherry rose	Lavender Gem.
Crimson Queen. Best crimson	Miss Willmott. Soft pink
Daffodil. Canary-yellow	Orange King. Orange scarlet
Enchantress. Pink	Purity. A clean pure white
Golden Queen. Golden yellow	Rose Queen. Deep rose
Grenadier. A very dark red	Salmon Queen
	Scarlet Queen
	Violet Queen. Dark violet

Each of the above..... Trade pkt. Oz.
 lb., \$14.50; ¼ lb., \$4.00; ¼ oz., 45c; ½ oz., 75c \$0.25 \$1.20

California Giants, Vaughan's Special Mixed. All colors. lb., \$14.50; ¼ lb., \$4.00; ¼ oz., 45c; ½ oz., 75c .25 1.20

SCABIOSA FLOWERED Harmony Type

Plants 2½ to 3 ft., bearing numerous medium sized flowers, remarkably resembling the annual Scabiosa and Harmony Marigold.

Vaughan's Special Mixed, bright shades, including crimson, scarlet, orange, yellow, pink and white..... Trade pkt. Oz.
 ¼ oz., 55c \$0.30 \$1.75

All-Giant Indian Summer. A harmonious blend of dazzling brilliance without a trace of harshness....
Lb., \$15.50; ¼ lb., \$4.40. ¼ oz., 50c; ½ oz., 85c .30 1.35

FANTASY 2½ to 3 ft.

The rounded flowers are composed of a mass of shaggy ray-like petals.

Melody. Rich soft orchid lavender	Star Dust. Deep golden yellow
Orange Lady. Bright orange	White Light. Pure white, excellent in flower arrangements.
Rosalie. Intense rose	Wild Fire. Rich dazzling scarlet

Each of the above..... Trade pkt. Oz.
 Fantasy mixed..... ¼ oz., 45c .30 1.30

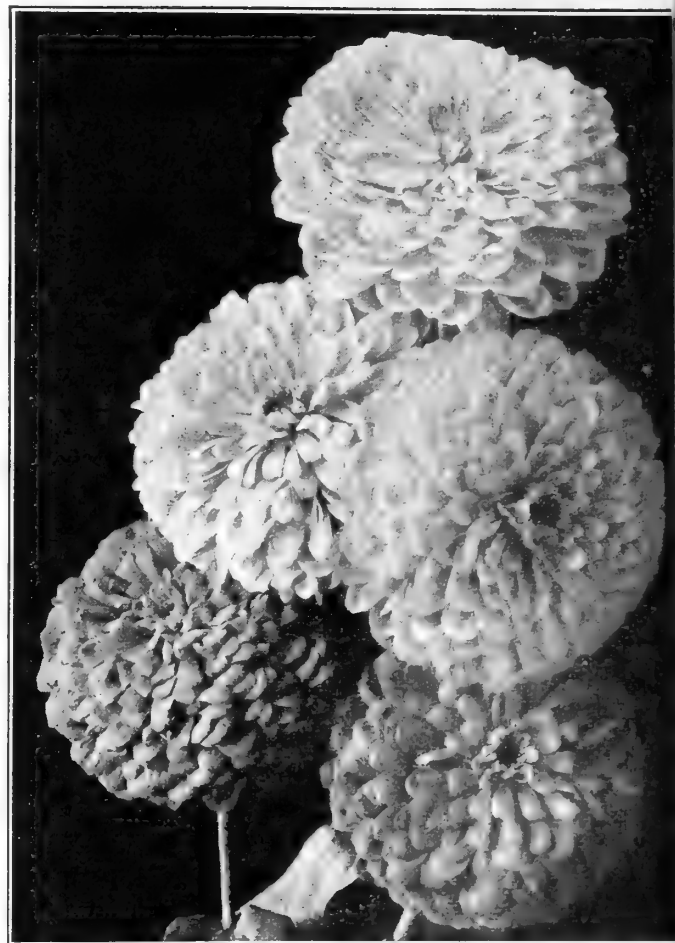
Vaughan's Special Mixture of all Giant sorts including the cream of the Dahlia Flowered, California and other sorts, mixed..... ¼ oz., 50c .30 1.35

OTHER VARIETIES

Giant Cactus Flowered Hybrids (Burpee Hybrids). See Inside Back Cover for color illustration and description..... ¼ lb., \$9.00; ¼ oz., \$1.00 .50 3.00

Burpee's Super Giant. Largest of all Zinnias. 3 ft. Flowers are 5½ to 6½ inches across and of a wide diversity of colors and forms; some like Dahlia-Flowered, others like Giants of California and still others with curled and twisted chrysanthemum-like blossoms. Rare and unusual shades..... ¼ oz., 65c .40 2.20

Chrysanthemum Flowered Special Mixture. Strikingly different, with the petals attractively curled and quilled. Flowers of tremendous size, measuring up to 6 inches across and from 4 to 5 inches in depth on long stems. Pastel shades predominate. Some of the flowers are of the solid self color, while others contain combinations of 2 and 3 colors.. ¼ oz., 65c .40 2.20



ZINNIA Super Crown of Gold Pastel Tints

Super Crown of Gold Pastel Tints. Strictly a mixture of pastel tints and contains a wide color range. All the flowers carry the deep golden yellow base of the Crown of Gold type and the individual color at the top.. lb., \$15.50; ¼ lb., \$4.40; ¼ oz., 50c; ½ oz., 85c \$0.30 \$1.35

Floradale Scarlet. (New). This intense scarlet-red flower is unusually graceful in form, with twisted and quilled petals that give it an informal air without trace of stiffness. Strong vigorous stems, up to 30 in. tall, with flowers often measuring 5 in. across. ½ oz. 50c; ¼ oz., 90c .25 2.75

Luther Burbank. Are of delicate pastel or art tints including cream, primrose, buff, canary, ivory, salmon, rose, chamois, apricot, peach, blush pink, and clear, bright rose. There are also unusual two- and three-color combinations. Flowers grow 5 to 5½ in. across and petals which curl back somewhat to form thick flower heads 2 to 3 in. deep. Plants are strong growing. 3 to 4 ft. tall. ¼ oz., 50c; ½ oz., 85c. .30 1.35

Linearis. The foliage is a neat, narrow leaf without the coarse appearance of the common garden Zinnia. The flowers are a beautiful orange-yellow color with a lemon-yellow stripe through each petal, single and about one inch in diameter. 1 ft. ¼ oz., 65c .30 2.20

Mexicana (Haageana) Hybrida. Mexican Hybrids. Double mixed..... ¼ oz., 65c .30 2.20

Golden Yellow. Double miniature flowers of bright golden yellow, fine for edgings; excellent for low bowl arrangements..... ¼ oz., 65c .30 2.20

Peppermint Stick Mixed. (New). An interesting new development in the striped type reselected for a wider color range, which includes red and white, red and yellow, pink and white, orange and white, purple and white. Plants are somewhat taller than the Pumila; flowers are of medium size, freely produced and bloom from early in the season until killed by frosts..... ¼ oz., 65c .30 2.20



ASCLEPIAS TUBEROSA



ALYSSUM Saxatile Compactum

We recommend sowing perennial seeds in spring. Seed germinates better in the cool weather than in the heat of mid-summer, and the long growing season produces larger plants that winter over more successfully.



ANTHEMIS Sancta Johannis

Seeds of Biennials and Hardy Perennials

Perennials fill a large and interesting place in the operations of an up-to-date florist establishment. Some are as easily raised as annuals; quite a few may be forced; others make fine pot plants; and many furnish splendid cutting material. The rock garden requirements absorb all the low-growing varieties and the florist with his eye to the future will devote considerable space to perennials of all kinds. They require little heat, if any, and not much care.

SEED GERMINATES SLOWLY AND IRREGULARLY of the following varieties and a seed bed should be prepared where it will be undisturbed for a year or more.

Aconitum, Anemone, Delphinium Cardinale, Dictamnus, Dielytra, Iris, Phlox Decussata and Divaricata, Primulas, Trollius and nearly all Alpines.

Rock Garden subjects are marked X.

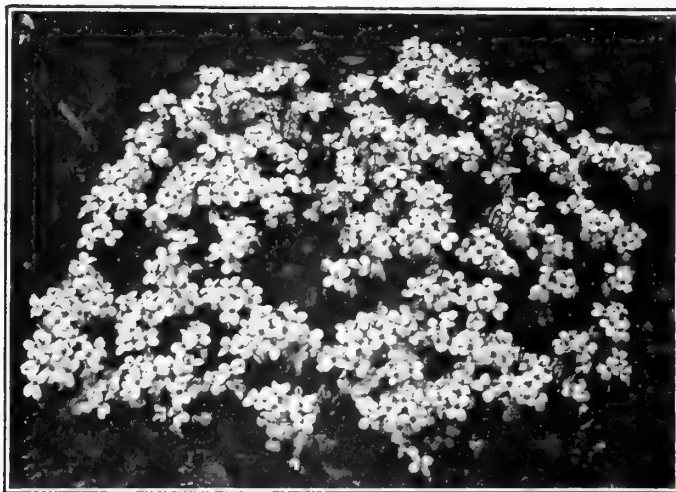
Unless otherwise quoted we supply $\frac{1}{2}$ oz. at the ounce price and 4 ozs. (of a variety) at the pound price.

Achillea Ptarmica Fl. Pl. The Pearl. Abundant small white flowers, for cutting, 30 in.	Trade pkt.	Oz.
..... $\frac{1}{8}$ oz., 70c; $\frac{1}{4}$ oz., \$1.25	\$0.40	.....
Filipendula Parker's Variety . 2 ft. Large heads of golden yellow flowers on long stems. Coming into flower in July blooms continuously until frost. Excellent for cutting and for use in the new popular Ming Gardens..... $\frac{1}{8}$ oz., 75c; $\frac{1}{4}$ oz., \$1.35	.30	.....
Aconitum (Monk's Hood). Napellus. Dark blue, 36 in. $\frac{1}{4}$ oz., \$1.00	.30	.....
Wilseni . Mid-blue, large flowering. $\frac{1}{4}$ oz., \$1.00	.30	.....
Barker's Variety . Branching habit, flowers of amethyst blue. $\frac{1}{4}$ oz., \$1.10	.30	.....
Adlumia Cirrhosa . Allegheny Vine. Beautiful rose flowers. Maidenhair fern-like leaves borne in great profusion on slender twining stems. $\frac{1}{4}$ oz., 75c	.40	\$2.50
Agrostemma Coronaria Atrosanguinea (Rose campion). Deep blood-red flowers, silvery woolly foliage, 28 in. ....	.20	.60
Allwoodii , see Dianthus.		
Alyssum Argenteum X Yellow-flowered, silvery foliage, 24 in. $\frac{1}{8}$ oz., 70c	.40	.....
Rock Garden Varieties Mixed. Many rare species mixed. $\frac{1}{8}$ oz., 80c	.40	.....
Saxatile Compactum (Gold Dust). Golden yellow, 12 in. Blooms in spring. $\frac{1}{4}$ oz., 35c	.20	1.10
Citrinum . Pale lemon-colored flowers. $\frac{1}{8}$ oz., 75c; $\frac{1}{4}$ oz., \$1.35	.30	.....
Ampelopsis Veitchi , Boston Ivy. Clean seed. ....	.30	1.10
Amsonia Tabernaemontana . Free flowering long stems, willow-like foliage, heads of light blue flowers in panicles. For cutting and hardy border. 2 to 3 ft. $\frac{1}{4}$ oz., \$1.00	.60	.....
Anchusa Italica , Dropmore Variety. Large, gentian-blue, excellent perennial for cutting, 6 ft. $\frac{1}{4}$ oz., 55c	.30	2.00
Dwarf Dropmore Variety (Feltham Pride). Neat habit, flowers brighter blue than preceding. 3 ft. $\frac{1}{4}$ oz., 70c	.30	2.20
Lissadell . Clear gentian-blue. 6 ft. ....	.20	.90
Myosotidiflora . X Exquisite blue forget-me-not flowers on 2 ft. stems. For rock garden or border. Flowers in April-May. Store seed in refrigerator 72 hours before sowing. 15 in.	$\frac{1}{8}$ oz., \$1.10; $\frac{1}{4}$ oz., \$2.00	.60 7.50

Anemone (Windflower), Coronaria. St. Brigid's Hybrids (Irish Champions). Irish-grown St. Brigids are largely favored by commercial growers on account of the lasting quality of the bloom, length of stem, and the brilliancy of colors. 18 in. $\frac{1}{4}$ oz., 95c	\$0.60	\$3.30
Pulsatilla . X The Pasque Flower. A singularly beautiful species with violet flowers, whole plant covered with silky hairs, needs a dry situation. Blooms in April to June. 12 in. $\frac{1}{8}$ oz., \$1.40	.60	8.80
Anthemis Kelwayii (Hardy Marguerite). Daisy-like lemon-yellow blossoms, produced all summer 3 ft. $\frac{1}{4}$ oz., 95c	.60	3.30
Sancta Johannis . Brilliant yellow flowers about $1\frac{1}{2}$ inches in diameter, borne singly on straight stiff leafless stems, 9 to 12 inches in length. Especially good for cutting. $\frac{1}{4}$ oz., 45c	.30	.....
Tinctoria . Very useful yellow border plant, 2 to 3 ft. $\frac{1}{4}$ oz., 45c	.30	1.60
Perry's Variety . Light yellow, varies 2 ft. $\frac{1}{4}$ oz., 45c	.30	.....



ANCHUSA Myosotidiflora



ARABIS Nana Compacta Snowcap



ARMERIA

Seeds of Biennials and Hardy Perennials

AQUILEGIA × (Columbine)

Alpina. Blue. A beautiful short-spurred form, 24 in. Tr. pkt. Oz.		
..... 1/4 oz., 90c	\$0.40	\$3.30
Canadensis. Native variety, bright red and yellow, 30 in. 1/16 oz., \$1.00; 1/8 oz., \$1.95	.40	.....
Chrysanth. Light chrome-yellow, fine, 36 in. 1/4 oz., 90c	.40	3.20
Chrysanth Silver Queen. Long-spurred silvery white, 2 ft. 1/4 oz., \$1.00	.40	3.60
Clematiflora Mixed. Spurless Columbine with beautiful open flowers like Clematis. Contains all lovely pastel shades. 1/16 oz., \$1.80; 1/8 oz., \$3.30	.60	.....
Coerulea Blue. × Sky-blue with white corolla. Rocky Mt. Columbine. 1/4 oz., 90c	.40	3.30
Coerulea Mrs. Nicholls. Deep blue and bolder flower than Coerulea blue. 1/16 oz., 90c; 1/8 oz., \$1.55	.60	.....
Rose Queen. Shades of rose with white corolla, 30 in. 1/4 oz., \$1.35	.40	4.40
Jaetschui. Large yellow flowers with peach-red spurs. 1/4 oz., \$1.00	.40	.....
Longissima. Long-spurred delicate yellow. 1/16 oz., \$1.80; 1/8 oz., \$3.30	.60	.....
Longissima Hybrids. Very long-spurred variety in many attractive shades. 1/16 oz., \$2.20	.60	.....
Long-Spurred Blue Shades. 1/8 oz., \$1.10	.60	.....
Celestial Blue. Outstanding Scotch Novelty. Large flowered, long spurs. Petals rich blue, corolla and spurs lighter blue. Comes true from seed.	.75	.....
Copper Queen. Copper-red, straw-colored corolla, variable in shade, 18 in. 1/8 oz., \$1.10	.60	.....
Crimson Star. Long spurs of rich crimson, the center is white tinged carmine, flowers 3 in. across on 2 ft. stems. Varies. 1/8 oz., \$1.65; 1/4 oz., \$3.00	.60	11.00
Dobbie's Imperial Hybrids. A very fine selection made by a European hybridizer. 1/4 oz., \$1.35	.40	4.40
Orange and Scarlet Shades. 1/4 oz., \$1.35	.60	4.40
Mrs. Scott Elliott's Strain. The blooms are of large size and the spurs very long. The colors range through shades of lavender, mauve, blue, purple, white, cream, yellow, pink, red, etc. 1/4 oz., \$1.10	.40	4.00
Vaughan's Super Long Spurred Mixture. Flowers of enormous size in brilliant color range, 3 to 4 in. spurs. 1/8 oz., \$2.00; 1/4 oz., \$3.50	1.00	12.00
Vaughan's Special Mixture. All types. 1/4 oz., \$1.10	.40	4.00

Arabis × Alpina. White flowers in dense masses. 1 ft. 1/4 oz., 60c	.30	2.00
Alpina Nana Compacta. White, 8 in. 1/4 oz., 80c	.40	2.80
Rosea. Pink, 1 ft. 1/4 oz., \$1.35	.40	.....
Pumila Snow Cap. Shining snow white compact cushions. 1/4 oz., 80c	.40	2.90
Spring Charm. Compact bushy plants covered with blossoms of intense carmine. 8 in. 1/8 oz., \$1.25; 1/4 oz., \$2.25	.50	.....
Armeria Alpina. Bright rose, compact tuft of foliage. 6 in. 1/8 oz., 85c	.40	.....
Formosa Hybrid Rose. 1/8 oz., 85c	.40	.....
Formosa Large Flowering Hybrids. 2 ft. 1/8 oz., 85c	.40	.....

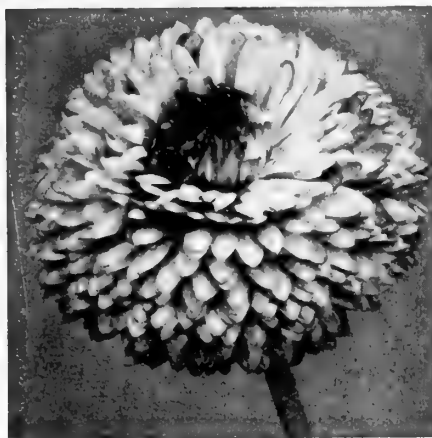
ARMERIA—Continued

Glory of Holland. Giant Pink. Clear, deep, pink flowers. Extra fine for cutting. 1/8 oz., \$2.20	\$0.60	.....
Asclepias Tuberosa (Butterfly Weed). Produces umbels of varying orange colored flowers, lovely to cut and last a long time. 24 in. 1/4 oz., 95c	.30	\$3.00
Aster Perennial. Alpinus Goliath. × Soft blue, largest-flowered fine, 15 in. 1/16 oz., \$1.40; 1/8 oz., \$2.20	.85	.....
Alpinus. Fine light blue, 1 1/2 ft. 1/4 oz., \$1.65	.60	.....
Mixed. 1/8 oz., \$1.10; 1/4 oz., \$1.95	.60	.....
Amellus Hybridus. Named varieties, finest mixed 30 in. 1/8 oz., \$1.10; 1/4 oz., \$1.95	.60	.....
Large Flowering Varieties Mixed. 1/8 oz., \$1.10; 1/4 oz., \$1.95	.60	.....
Farreri. Rich violet with flat center disk of orange. 1 ft. 1/8 oz., \$1.10; 1/4 oz., \$1.95	.60	.....
Subcoeruleus Wartburg Star. Bright lavender blue flower, with yellow center. The long strong stem makes it an excellent cutting variety as well as one well suited to the garden border. 1/16 oz., \$1.25; 1/8 oz., \$2.00	.75	.....
Aubrietia. Large-Flowered Hybrids. × Lovely dwarf spring blooming plants. Form beautiful cushions of foliage and flowers. 6 in. 1/4 oz., 90c	.30	3.20
Bougainvillei. Light violet-purple. 1/4 oz., 85c	.40	.....
Deltoides. × Lilac, 6 in. 1/8 oz., 85c	.40	.....
Eyrii. × Free flowering large blue. 1/8 oz., 85c	.40	.....
Graeca. Large blue free-flowering, 6 in. 1/4 oz., 85c	.40	.....
Hendersoni. Large purple flowers, 6 in. 1/4 oz., 70c	.30	.....
Leichtlini. × Large-flowered, rosy-purple. 1/8 oz., \$1.00	.60	.....
New Giant Hybrids. Full petalled types equal to the best named varieties. Superior in size and color range to any other strain raised from seed. 1/8 oz., \$1.00	.60	.....
Purpurea. True deep purple. 1/8 oz., \$1.00	.60	.....
Semi-Double Hybrids. Produces 75% large semi-double flowers in all known colors of this family and many new art shades. 1/8 oz., \$1.00	.60	.....
Whitewell Gem. Glowing rosy purple with slight tinge of blue, 6 in. 1/8 oz., 85c	.40	.....
Auricula. See Primula.		
Baby's Breath. See Gypsophila Paniculata.		
Baptisia Australis (False Indigo). Beautiful racemes of pea-shaped indigo-blue flowers. 2-4 ft. 1/8 oz., 85c	.25	85
Bellis Perennis × (English Daisy)		
Extra Choice Mixed, double. 1/8 oz., 80c; 1/4 oz., \$1.40	.30	.....
Monstrosa Double Pink. 1/16 oz., \$1.10; 1/8 oz., \$2.00; 1/4 oz., \$3.30	.60	.....
Double Crimson. Definitely red. 1/16 oz., \$1.10; 1/8 oz., \$2.00; 1/4 oz., \$3.30	.60	.....
Double White. 1/16 oz., \$1.10; 1/8 oz., \$2.00; 1/4 oz., \$3.30	.60	.....
Double Red. (Dark rose). 1/16 oz., \$1.10; 1/8 oz., \$2.00; 1/4 oz., \$3.30	.60	.....
Double mixed. 1/16 oz., \$1.10; 1/8 oz., \$2.00; 1/4 oz., \$3.30	.60	.....
Tubulosa Aetna. Rich deep red. 1/16 oz., \$1.10; 1/8 oz., \$2.00; 1/4 oz., \$3.30	.60	.....

Seeds of Biennials and Hardy Perennials



QUILEGIA Mrs. Scott Elliott's Strain



BELLIS Monstrosa Fl. Pl.



ASTER Perennial Large Flowering Mixed

Camcanda (Blackberry Lily). Avalon Hybrids. An interesting strain showing surprising variation in color, form and height. The flowers are followed by "blackberry" seed clusters which may be dried for winter bouquets. \$0.75

Conia Japonica (Plume Poppy). The plants grow 6 to 7 ft. high and the large finely-cut leaves are topped by huge flower spikes, carrying creamy white blossoms. \$1.80

Conia Latisquama. Delicate pink, 4-5 ft. \$1.10

om Hybrids. (New). This improved strain of Scotch Broom is covered with 1 inch blooms, resembling small Sweet Peas, in all shades of red, pink, orange, yellow, cream and white; also many bicolors combining red and orange, orange and yellow, red and cream. Very hardy, grows well in poor dry soil, withstands wind and prefers full sun. \$1.40; 1/4 oz., \$2.50

irhoe Involucrata. X Large crimson flowers, trailing habit, very showy, 6 in. 95c.

CAMPANULA PERENNIAL SORTS

Carpatia X (Hare Bell). Forms a quickly-widening tuft of neat foliage above which are borne on slender, branched erect stems, wide cup-shaped upright blooms of a glistening light violet blue, 9 in. \$1.50; 1/8 oz., 85c

ba. X White, 9 in. \$1.50; 1/8 oz., 85c

inmore. A lovely hybrid form of Carpatia and other dwarf-growing species. Much more prolific than Carpatia. Its flowers of various shades of blue are produced all summer. Very nice edging plant or for the rock garden. 75

ilis. Blue Star of Bethlehem. Splendid for hanging baskets. 75

anica. X A compact and tufty plant with pendant flowering branches. The flowers are blue with a white eye. 4 in. 1/6 oz., \$1.40

iflora Coerulea. Light blue, 3 ft. 1/8 oz., \$1.10

olia Macrantha. Blue, large-flowered, 40 in. 1/6 oz., \$1.10

icifolia (Peach Bell) Alba. White, fine, 30 in. 1/8 oz., \$1.10

erulea Blue. 1/8 oz., \$1.10

erulea Plena, double blue 1/8 oz., \$1.00

ilham Beauty. Large bells of China blue, varies. 1/8 oz., \$1.10; 1/4 oz., \$1.95

edgewood. Large flowers of deep violet blue. Does well in full sun or partial shade. 1/8 oz., \$1.10; 1/4 oz., \$1.95

ixed. 1/4 oz., \$1.10

midalis Alba. White, 5 ft. 1/8 oz., 90c

ue. Lavender-blue, 5 ft. 1/8 oz., 90c

ixed. 1/8 oz., 90c

CAMPANULA—Continued

Trade pkt. Oz.

Rapunculoides. Spires of loosely swung bell-blossoms, beauty for months on end. Variable coloring, from soft blue to deep violet. A row of it becomes a hedge of bloom, and it has perhaps the longest flowering season of any Campanula. 1/4 oz., 85c \$0.40 \$3.20

Rotundifolia (Scotch Blue Bell). X Slender branching stems, covered with dainty frail blue flowers. Blooms in July and again in Fall, 6-12 in. 1/4 oz., \$1.95; 1/8 oz., \$1.10 .60

Perennial Varieties Mixed 1/4 oz., \$1.00 .40 3.60

Rock Garden Varieties Mixed 1/4 oz., \$1.00 .40

CAMPANULA BIENNIAL SORTS

Medium Calycanthema, Cup and Saucer. Dark Blue, Lilac, Rose and White. 36 inch, each. 1/4 oz., 55c .25 1.80

Calycanthema Mixed. 1/4 oz., 55c .25 1.80

Single. Canterbury Bell. Blue, Lilac, Rose, White, 36 in., each 1/4 oz., 30c .20 .90

Mixed. 1/4 oz., 30c .20 .90

Double Blue. 1/4 oz., 80c .30 2.75

Rose. 1/4 oz., 80c .30 2.75

White. 1/4 oz., 80c .30 2.75

Mixed. 1/4 oz., 80c .30 2.75

Double and single mixed. 1/4 oz., 55c .25 1.80

Candytuft X **Gibraltarica**. 1 ft. Large flowers, lilac shaded to white. 1/4 oz., 55c .30 1.80

Jucunda. Dwarf pink, 4 in.60

Queen of Italy. Dwarf, evergreen foliage, rosy-lilac. 10 in. 1/4 oz., 55c .30

Sempervirens, 12 in. White. 1/4 oz., \$1.35 .60 5.00

CARNATION

Grenadin Golden Sun. Golden yellow. 1/8 oz., \$1.35; 1/4 oz., \$2.20 .60 6.60

King of the Blacks. Darkest red, very fine. 20 in. 1/8 oz., \$1.35; 1/4 oz., \$2.20 .60 6.60

Red. Half high. 20 in. 1/8 oz., \$1.35; 1/4 oz., \$2.20 .60 6.60

Triumph Rose, 20 in. 1/8 oz., \$1.35; 1/4 oz., \$2.20 .60 6.60

White Gold. Soft yellow. 1/8 oz., \$1.35; 1/4 oz., \$2.20 .60 6.60

White, 20 in. 1/8 oz., \$1.35; 1/4 oz., \$2.20 .60 6.60

Mixed. 1/8 oz., \$1.35; 1/4 oz., \$2.20 .60 6.60

Dwarf Bright Scarlet. Double flowers of rich intense scarlet. Blooms from seed the first year if sown early. Very uniform. 15 inches. 1/8 oz., \$1.35; 1/4 oz., \$2.20 .60 6.60

Vienna Dwarf Mixed. 1/8 oz., \$1.10 .60

Prof. Malmgreen. A new early flowering Vienna dwarf double type with gay brick red flowers. Fine for cutting. 14 in. 1/8 oz., \$1.10; 1/4 oz., \$2.00 .60 6.60

Cassia Marylandica (Indian Senna). Racemes of showy yellow flowers. 30 in. 1/8 oz., \$1.10 .60

Rock plants are followed by X, and the heights given are of the plants when in bloom.



CAMPANULA Persicifolia



CAMPANULA Medium Calycanthema



CARNATION Grenadin Mixed

Seeds of Biennials and Hardy Perennials

Catananche Coerulea. Chaff-like brilliant blue flowers, Tr. pkt. Oz. resembling those of the Everlasting. Excellent cut- flower. 18 in. ¼ oz., 55c \$0.30 \$1.80
Centaurea Dcalbata. Rose Delight. Large and striking rose pink flowers. Graceful silvery leaves 18 in. ¼ oz., 70c. .40
Macrocephala . Radiant yellow thistle-like blooms often 4 in. across. 36 in. ¼ oz., 50c .30 1.70
Montana . Cornflower blue, 24 in. ¼ oz., 45c .30 1.40
Perennial sorts mixed ¼ oz., \$1.40 .40 4.40
Cerastium X Tomentosum (Snow in Summer). Silvery white foliage, white flowers. 16 in. ¼ oz., 55c .30 2.00
Cheiranthus Allionii. Brilliant orange. 16 in. ¼ lb., \$1.55 .20 .45
Golden Bedder . Deep golden yellow flowers, sweetly scented, long-flowering. ¼ oz., 35c .20 1.10
Kewensis . Winter-blooming Wallflower. Fragrant flowers, sulphur passing to gold and violet, 30 in. ¼ oz., 85c .40
Chelone . See Pentstemon Barbatus .

CHRYSANTHEMUM

Maximum Conqueror (Victor). Giant-flowered white ¼ oz., 35c .20 1.10
King Edward VII . White. ¼ oz., 55c .30
See also Shasta Daisy .
Korean Hybrids . Seed saved from a large acreage of experimental crosses representing a wonderful range of magnificent colors. Large-flowering single and semi-double. ¼ oz., \$2.20; ¼ oz., \$3.85 1.00

Clove Pink. See **Dianthus Plumarius**.

Columbine. See **Aquilegia**.

Coreopsis Lanceolata Grandiflora. Very large golden
yellow flowers, long-stemmed, excellent for
cutting. lb., \$4.00 .20 .40

Double Sunburst (Double New Gold). Large double
flowers 1½ to 2 in. across. ¼ oz., 35c .20 1.10

Mavfield Giant. Best large deep golden-yellow.
..... ¼ oz., 30c .20 .90

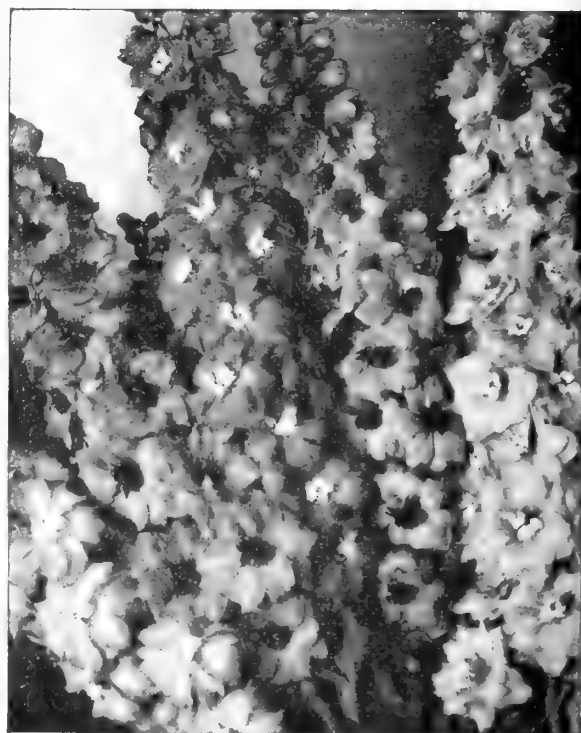
Cyclamen Europaeum. An outstanding rock garden
plant. Blooms in July or August. The flowers are
fragrant and usually of a deep rose color. Requires
rich humus soil that is well drained. Seed germi-
nates irregularly. Leaflet on culture furnished with
seed. 250 seeds, \$2.45; 100 seeds, \$1.10.

Daisy. See **Bellis**, **Chrysanthemum Maximum** and **Pyrethrum**.

Daisy, Shasta, Alaska. Best white, American-grown, Tr. pkt. Oz.
40 in. ¼ oz., 45c \$0.25 \$1.40

Giant Double Shasta Reselected. Flowers five inches
across resemble giant asters, on long wiry stems.
Blooms over a period of several months. The first
year flowers appear with a high percentage of
singles. The second year they act like **Pyrethrum**
Double in that they show practically 100%
doubles. ¼ oz., \$1.40; ½ oz., \$2.20; ¾ oz., \$4.15 .60

Shasta Daisy G. Marconi Reselected. The largest
Shasta Daisy today, the flowers are around seven
inches in diameter and stems 2½ to 3 feet long. .
..... ¼ oz., \$1.65; ¼ oz., \$3.10 .60



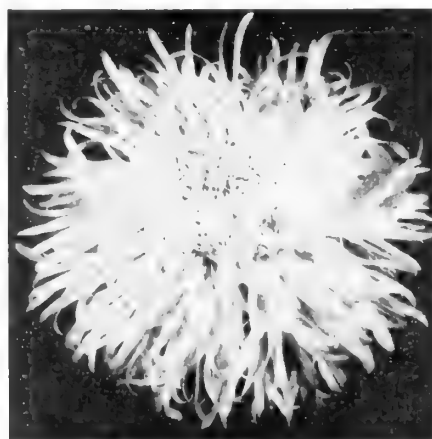
DELPHINIUM PACIFIC GIANT HYBRIDS

Rock plants are followed by X, and the heights given are of the plants when in bloom.

Seeds of Biennials and Hardy Perennials



COREOPSIS Double Sunburst



SHASTA DAISY Marconi Reselected



DIANTHUS BARBATUS Newport Pink

Delphinium

PACIFIC GIANT (Vetterle and Reinelt). This strain produces plants that are 60 to 65 per cent mildew resistant. The flowers are of immense size, tightly set on straight stems that are strong and whippy. The flowers do not shatter and represent a truly outstanding addition to the cut flower market.

Black Knight Series. Deep mid-night violet. The darkest of them all. Flowers of beautiful round form, with heavy velvety texture.

Blue Bird. A clear medium blue with white bee with huge tall spikes

Blue Jay. Brilliant true medium blue with dark bee.

Cameliard Series. This is a pure lavender self, with white bee.

Galahad Series. Clear white of enormous size, averaging three inches in diameter of individual flowers with very heavy glistening texture.

Guinevere. Light pink lavender self with white bee.

King Arthur. Brilliant royal violet with large white bee.

Percival. White with contrasting black bee.

Summer Skies. Clearest light blue with white bee.

Round Table Series. As the name implies, this represents all of the color combinations of the above Knights and their Ladies.

Each of the above, Trade pkt., \$1.40; 1/8 oz., \$2.50; 1/4 oz., \$4.50; oz., \$15.50.

Blackmore and Langdon Strain, Mixed. Tall, graceful Tr. pkt. Oz.

spikes covered with blooms. All the clear shades of blue with many delightful opaline variations, with bees of contrasting colors.... 1/4 oz., \$1.00 \$0.60 \$3.30

Wrexham Strain (Hollyhock Delphinium) Mixed. The chief distinguishing features of the "Hollyhock" Delphiniums are the extraordinary length, tapering spire-like shape of spike; the rich and varied tints; the very remarkable extension of the flowering period..... 1/8 oz., 90c; 1/4 oz., \$1.65 .60 6.00

belladonna Light Blue, Improved. (Cliveden Beauty). Light blue, large-flowered, strong grower. 4 to 5 ft. 1/4 oz., 90c; 1/4 lb., \$11.00; lb., \$40.00 .45 3.20

bellamosum Improved. Large deep blue flowers, uniform in color with a white bee. 4 to 5 ft. 1/4 oz., 90c; 1/4 lb., \$11.00; lb., \$40.00 .45 3.20

Cardinale, scarlet, 30 in. 1/4 oz., 85c .40 3.20

amartine. Flowers of rich, deep blue with pure white eye. Sturdy vigorous plant which blooms from June until frost. 5 ft. **True Stock.** 1/4 oz., \$1.10 .60 4.00

udicaule. Brilliant scarlet with peach-red interior. 30 in. 1/4 oz., 90c .50 3.20

sapphire (New). Rich blue with tiny golden center. See Novelties. 1/4 oz., \$1.40 .75 5.00

Chinense Album Grandiflorum. White, 36 in. 1/4 oz., 40c .25 1.40

Blue. Gentian blue. 1/4 oz., 40c .25 1.40

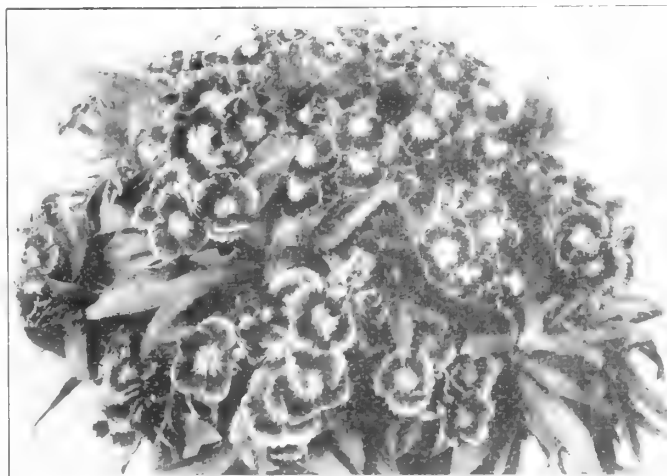
Blue Mirror. Having no spurs, the bright navy-blue flowers show most effectively by their vertical position. 1 1/2-2 ft. Blooms first year if sown early. 1/4 oz., \$1.10 .60 4.00

Cambridge Blue. Rich belladonna blue. 1/4 oz., 75c .40 2.50

Azure Fairy. Soft azure-blue, 20 in. 1/4 oz., 40c .25 1.40

DIANTHUS BARBATUS—Sweet William

	Tr. pkt.	Oz
Double Dwarf Midget Mixed.....	1/4 oz., 95c	\$0.40 \$3.30
Dwarf Dark Crimson (New). See Novelties.....	1/4 oz., \$1.20	.50 4.50
Giant Flowered Mixed.....	1/4 oz., 90c	.40 3.10
Seedlings of all Double Sweet Williams produce about 40 per cent of single-blooming plants.		
Single Blood-red (Atrosanguineus).....	1/4 oz., 55c	.30 1.80
Copper Red. Showy flower heads composed of numerous good-sized individual blooms in an attractive new color.....	1/4 oz., 55c	.30 1.80
Special Giant White. Phlox-flowered. Enormous trusses of bloom. Fine for cutting.....	1/4 oz., 85c	.40 2.70
Homeland. A most unusual color, dark red with large, sharply defined clear white center.....	1/4 oz., \$1.15	.55 4.20
Newport Pink, Salmon-pink.....	1/4 oz., 85c	.40 2.70
Nigrescens. Very dark, almost black.....	1/4 oz., 55c	.30 1.80
Purple Beauty.....	1/4 oz., \$1.00	.50 3.80
Scarlet Beauty. Scarlet.....	1/4 oz., 85c	.40 2.70
Mammoth Flowered Single mixed.....	1/4 oz., 85c	.40 2.70
Vaughan's Special Mixture Double and Single, of above choice varieties.....	1/4 oz., 90c	.40 3.10



Single Dwarf "Midget" Mixed

In habit this is a ball-type, grows from 3 to 4 in. tall. The blooms are quite large and almost entirely cover the foliage. Excellent for the perennial border and a fine spring pot plant. The color range is from white, chamois, salmon, scarlet, brick red to maroon, with most blooms being tri-colored.

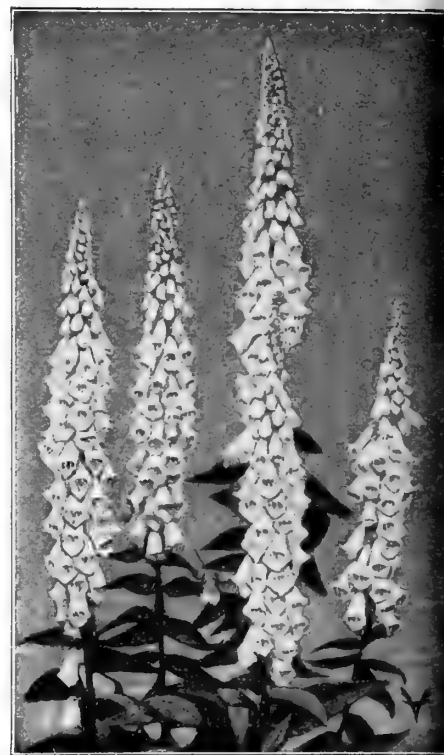
1/4 oz., \$1.50; oz., \$5.50; trade pkt., 60c.



DORONICUM



GAILLARDIA Grandiflora Monarch Strain



DIGITALIS Shirley Hybrids

Seeds of Biennials and Hardy Perennials

DIANTHUS PLUMARIUS—Clove Pinks X

	Trade pkt.	Oz.
Cyclops. Red Hybrids.....	¼ oz., \$1.10	\$0.40 \$4.00
Essex Pink. (New). A specialists' selection from the popular Highland Hybrids. Beautifully marked flowers in a wide color range, borne on stiff wiry stems, 15 to 20 inches long.....	¼ oz., \$1.60	.60 6.00
Highland Rose Hybrids Mixed. Beautiful and varied mixture, especially noted for their fragrance and long flowering.....	¼ oz., \$1.10	.40 4.00
Ipswich Crimson. Large single crimson flower.....	½ oz., \$1.00	.60
Ipswich Strain Mixed. The delicately perfumed Clove Pink, an old garden favorite with flowers usually single but sometimes double, in many delightful changes of coloring and marking..	½ oz., \$1.00	.60
Little Jock Hybrids. The compact plants produce a multitude of pretty fringed flowers, about an inch across, in varied tints of pink, rose and white, mostly with a deep zone, 50% of them are double.	½ oz., \$1.00	.60
Scoticus Double Special Florist Strain. Self colors of various tints of pink, rose, salmon and white and the same colors in combination with a bright crimson zone. Stems 12 to 15 inches. Blooms 1½ to 2 inches. Free flowering.....	¼ oz., \$1.10	.40 4.00
Spring Beauty. Double giant-flowered carnation-like in form and size and with a beautiful color range. Very fragrant.....	¼ oz., \$1.60	.60 5.50
Single Mixed.....	¼ oz., 45c	.20 1.50
Semperflorens Double Mixed.....	¼ oz., 70c	.35
Double Early-Flowering Dwarf Mixed....	¼ oz., \$1.10	.40
Vaughan's Special Mixture.....	¼ oz., \$1.00	.40 3.60

SUBSTITUTION

Kindly advise if we may substitute another variety equally as good or better by stating on your order "Substitute if necessary."

DIANTHUS—SORTS

Allwoodii. X 18 in. Mixed colors. Double, semi-double and single flowers in a wide color range.....	Trade pkt. Oz.
.....	¼ oz., \$2.00; ½ oz., \$1.10 \$0.40
Alpinus. Mixed colors. X 4 to 8 in. Glossy leaves, large flowers various shades of pink and rose.....	½ oz., \$1.00. .40

Rock plants are followed by an X, and the heights given are of the plants when in bloom.

DIANTHUS—SORTS—Continued

	Trade pkt.	Oz.
Caesius (Cheddar Pink). X Dense tufts of glaucous blue foliage large fragrant rose-colored flowers.....	¼ oz., 75c	\$0.30 \$2.50
Delight. There is a bewildering range of colors, from the palest pink down to the deepest purple; the predominating shades are velvety rich reds; many have the eye of a Sweet William.....	½ oz., \$1.10	.40
Deltoides (Maiden Pink). Rosy magenta, 9 in.	¼ oz., 75c	.30 2.75
Brilliant. 8 in. Rich rose pink blossoms, carried above fine feathery foliage.....	½ oz., 85c	.40
Erecta Red.....		.40
Knappi. Clusters of clear golden yellow flowers appear above the grassy green foliage.....		.60
Latifolius Atrococcineus Plenus. A beautiful outdoor Pink, of deep crimson color, semi to full double flowers, borne on stout 15 to 18 in. stem.....	¼ oz., 80c	.40 2.75
Loveliness. Large lacinated petals of a most exquisite mauve pink, but the most fascinating of all is their delightful fragrance.....	½ oz., \$1.10; ¼ oz., \$2.00	.60
Sweet Wivelsfield. Single Mixed. Especially adapted for perennial borders and rock gardens. Excellent cut flower. 1 ft.....	¼ oz., 35c	.20 1.10
Sweet Wivelsfield. Double Mixed.....	¼ oz., 70c	.30 2.50
Best Rock Work Species Mixed X.....	½ oz., \$1.00	.50
Winteri. A pink of striking beauty. Single, bold form, delightful pure colors, fragrant, blooms from seed first year. Compact habit, 9 in.....	½ oz., \$1.10; ¼ oz., \$2.00	.60

Dicentra Eximia (Plumy Bleeding Heart). Dwarf. 12 in.....	¼ oz., \$1.10	.40 4.00
Dictamnus Fraxinella (Gas Plant). Pink flowers with dark veins, 30 in.....	¼ oz., 55c	.30 2.00
Fraxinella Albus. White, 30 in.....	¼ oz., 80c	.40 2.90
Dielytra Spectabilis. (Bleeding Heart). 32 in.....	½ oz., \$2.00; ¼ oz., \$3.75	1.00
Doronicum or Leopard's Bane is an exceedingly satisfactory spring flowering perennial of much beauty. The large daisy like flowers are fine for cutting. Caucasian Magnificum. Gerbera like flowers of clear yellow. Height 2 ft.....	½ oz., \$2.50	1.10



MYOSOTIS Blue Eyes



GEUM, Mrs. Bradshaw



HEUCHERA Sanguinea

Seeds of Biennials and Hardy Perennials

DIGITALIS (Foxglove)

	Trade pkt.	Oz.
<i>Loxiniaeflora</i> Mixed. Spotted flowers, 4 ft.	1/4 oz., 55c	\$0.30 \$1.80
White, Purpurea, Rosea each.	1/4 oz., 70c	.30 2.50
Pastel Shades. Distinct shades of pink, apricot, buff, rose and heliotrope.	1/4 oz., \$1.10	.40 4.00
Shirley Hybrids. Mixed. Enormous flowers, rich mixture, 6 to 7 ft.	1/4 oz., 70c	.30 2.50
Excelsior Mixed. A blend of unusual shades, many of the florets are strikingly marked. The flower spikes are from 4 to 5 ft. in height and the individual florets are horizontally set around the stem, instead of the usual drooping effect so common to Digitalis. Very free flowering.	1/4 oz., \$1.00	.50 3.60
Purpurea Monstrosa. Mixed, 3 ft. Long spikes surmounted by one enormous flower.	1/4 oz., 70c	.30
Grandiflora (Ambigua). Chrome-yellow. Marked with brown. 36 in.	1/8 oz., 80c	.40
Vaughan's Special Mixture	1/4 oz., 70c	.30 2.20

<i>Echinops</i> (Globe Thistle) Ritro. Showy thistle like plants with globular heads of deep metallic blue flowers, which can be dried as everlasting. Grow in clumps in full sun.	1/4 oz., \$1.10	.40 3.60
<i>Edelweiss</i> . X Large flowered, 6 in.	1/6 oz., \$1.10; 1/8 oz., \$2.00	.60
<i>Erinus</i> X <i>Alpinus</i> . Purple, for borders, 6 in. . . . .		.60
<i>Eryngium</i> <i>Amethystinum</i> . True amethyst-blue thistle with amethyst stems and bracts. Fine for cutting, 3 ft.	1/4 oz., 80c	.30 2.70
<i>Planum</i> . Cornflower blue, globular heads. 4 ft.	1/4 oz., \$1.10	.40
<i>Euphorbia</i> <i>Corollata</i> (Wild Baby's Breath). Resembles <i>Gypsophila</i> but the flowers are larger and more pronouncedly white. Blooms in midsummer. Valuable for bouquets. Leaves turn a rich wine color in fall. Will stand any amount of drought. 2 ft.	1/8 oz., \$1.40; 1/4 oz., \$2.20	.60
<i>Myrsinites</i> . A prostrate plant with beautiful bluish foliage, heads of yellow flowers. Spring, 3 in. . . . .		.40
<i>Polychroma</i> . The flowers are bright yellow changing to a rosy bronze. 15 to 18 in.	1/6 oz., \$1.25	.60

FORGET-ME-NOT X (Myosotis)

<i>Alpestris</i> <i>Blue Eyes</i> . Bright blue with white eye, large, early flowering.	1/4 oz., \$1.60	.40 5.50
Blue Spire. (Erecta). Flowers of a vivid blue, deeper yet brighter than indigo, borne in clusters on strong 12 inch stems of column-like habit. Recommended for mass planting or for use in combinations.	1/8 oz., 85c; 1/4 oz., \$1.60	.40 5.50
Indigo Blue (Royal Blue). 12 in.	1/4 oz., \$1.00	.40 3.60
Blue Compacta. Deep blue. 1/8 oz., 85c; 1/4 oz., \$1.60		.40 5.50
Rosea.	1/4 oz., \$1.10	.40 4.00
White	1/4 oz., \$1.10	.40 4.00
Robusta <i>Grandiflora</i> Blue. An improved <i>Alpestris</i> Blue. Double central flower.	1/4 oz., \$1.60	.40 5.50

FORGET-ME-NOT—Continued

Trade pkt. Oz.

<i>Alpestris</i> <i>Victoria</i> . Dwarf globular strain. 8 in.		
Indigo Blue.	1/8 oz., 85c; 1/4 oz., \$1.60	.40 5.50
Rosea.	1/8 oz., 85c; 1/4 oz., \$1.60	.40 5.50
Sky-blue. Excellent variety.	1/8 oz., 85c; 1/4 oz., \$1.60	.40 5.50
White.	1/8 oz., 85c; 1/4 oz., \$1.60	.40 5.50
<i>Palustris</i> <i>Semperflorens</i> . Dwarf, blue, in flower from early spring until autumn, 1 ft.	1/4 oz., 85c	.40 2.70
<i>Vaughan's</i> <i>Early Blue Bird</i> . An extra-early flowering strain of Blue Bird type and color. Should be used for cutting and valuable for pots or bedding.	1/4 oz., 95c	.40 3.30
<i>Hybrida</i> <i>compacta</i> <i>Annemarie</i> <i>Fischer</i> . Large dark blue flowers; plants of compact habit. Fine for pots and borders. . . . .		.60
<i>Isolde</i> <i>Krotz</i> . Large flowered bright blue. A long blooming, valuable pot item. . . . .		.60
<i>Marga</i> <i>Sacher</i> . Deep sky blue. Large flowered. . . . .		.60

GAILLARDIA *Grandiflora*

<i>Aurea</i> <i>Pura</i> . Pure yellow flowers, 4 to 5 in. in diameter on long strong spikes.	1/4 oz., 55c	.30 2.00
<i>Bremen</i> . Coppery scarlet with yellow tips.	1/4 oz., 55c	.30 2.00
<i>Burgundy</i> . Self colored wine-red flowers, 2 1/2 in. diameter, on long stiff stems, from June until fall. Comes 60% to 70% true, 30 in.	1/4 oz., 75c	.30 2.50
<i>Dazzler</i> . Large flowers, bright golden yellow with rich maroon-red center. 3 ft.	1/4 oz., 55c	.30 1.90
<i>Goblin</i> . Very compact globular plants, red and yellow bicolor.	1/4 oz., 80c	.40 2.90
<i>Monarch</i> <i>Strain</i> . A robust strain very varied in coloring and with flowers of giant size and perfect form.	1/4 oz., 55c	.30 2.00
<i>Portola</i> <i>Hybrids</i> . The flowers are very large, of great substance. Color a brilliant scarlet with copper hue. Petals heavily tipped with golden yellow. 2 1/2 to 3 ft.	1/4 oz., 55c	.30 2.00

 Gas Plant, see *Dictamnus*.

Gentiana *Acaulis*. Gentian-blue, beautiful for edging. 5 in. 1/8 oz., \$1.00 .40

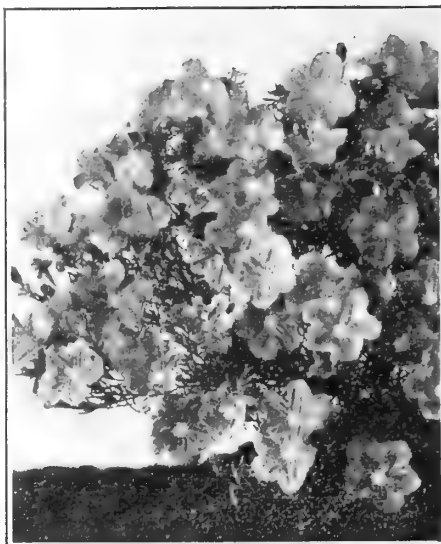
Gerbera *Jamesoni*. New Flowerland Strain. A popular greenhouse forcing perennial plant, fine for cutting. New seed is always available, as it is harvested at intervals during the year. 100 seeds, 50c; 500 seeds, \$2.00; 1000 seeds, \$3.50

New Hybrids. A specialist's selection containing a large percentage of full-duplexed flowers. 100 seeds, 70c; 500 seeds, \$3.00; 1000 seeds, \$5.50

Geum *Lady Stratheden* (Golden Ball). The blooms are large double rich golden yellow. 2 ft. 1/4 oz., 80c .30 2.90
Mrs. Bradshaw. Large double fiery orange red. 2 ft. 1/4 oz., 80c .30 2.90
Prince of Orange. True orange. 1/8 oz., 95c .60



LILIUM Tenuifolium



NIEREMBERGIA Purple Robe



LUPINUS Polyphyllus Russell Mixture

Seeds of Biennials and Hardy Perennials

Gilia Coronopifolia Red. 3½ ft. (Standing Cypress.) Trade pkt. Oz.
The flowers are 1½ inches long, trumpet shape, borne along the side of the stem. A biennial. ¼ oz., 70c \$0.40

GRASSES, Ornamental

Eulalia Japonica. Zebra Grass. ¼ oz., 55c .40 \$1.70
Festuca Glauc. True blue grass with dense glaucous tufts. Blue stemmed grass. ¼ oz., 40c .30 1.10
Gymnothrix Latifolia (Pennisetum Latifolium). 36 in. ¼ oz., 85c .30 2.70

Gypsophila Oldhamiana. Great tangles of airy, misty-blossoms in pink shades. The florets are slightly more than a quarter of an inch in diameter and possess a white throat. Blooms in fall. The foliage is silvery overcast. ¼ oz., 75c .30 2.50

Pacifica. Starry pink blossoms on branching panicles. Good cut flower. Sept. and Oct. 4 ft. ¼ oz., 90c .30 3.30

Paniculata Snow-White Double. Pure white double strain. 2 ft. ¼ oz., \$1.40 .60 4.90

Paniculata White. Small single white flowers in great profusion, useful for cutting. 40 in. ¼ lb., \$1.80 .20 .60

Compacta. Heavy panicles of small white flowers forming a symmetrical mass 2 to 3 ft. high, coming into bloom in August and September. ¼ oz., 90c .40 3.30

Repens X White flowers, trailer, good border or rock plant. 6 in. ¼ oz., 80c .30 2.70

Rosea. Pink. ¼ oz., 95c .30 3.30

Helenium Bigelowi. Yellow dark disc, for cutting, 20 in. ¼ oz., \$1.65 .40

Hoopesi. Yellow. Early flowering. 30 in. ¼ oz., \$1.35 .40

Riverton Gem. Flowers open as old gold and terracotta changing to wallflower red. 3½ ft., ¼ oz., \$1.65 .40

Helianthemum X Mutabile. Mixed Colors. (Rock Rose.) Low-growing evergreen plants forming large clumps, completely covered with bloom during July and August. 8 to 12 in. ¼ oz., 45c .25 1.60

Heliopsis Laevis Pitcheriana. Golden yellow, 4 ft. ¼ oz., 65c .40

Lemoine Strain. Flowers a rich golden yellow, about 2 inches in diameter, of heavy texture. Excellent for cutting. ¼ oz., \$1.40 .60

Helleborus N ger. Christmas Rose. Seed germinates very slowly. 15 in. ¼ oz., \$1.40 .30 1.10

Heimerocallis Peerless Blend. A mixture of high merit. Seeds saved from ten botanical species, also from fine hybrid seedlings. This blend will give a wide color range of excellent Day Lilies. 100 seeds, 40c; 1000 seeds, \$2.75

Hesperis Matronalis. (Sweet Rocket.) Sweet scented purple flowers in showy spikes. 40 in. ¼ oz., 35c \$0.30 \$1.10
Matronalis Alba. Sweet scented white flowers. ¼ oz., 35c .30 1.10

Heuchera X Sanguinea. Graceful spikes of crimson flowers. ¼ oz., \$1.75; ½ oz., \$3.00 .60

Sanguinea Splendens. Bright scarlet-crimson, true. ¼ oz., \$2.00; ½ oz., \$3.50 .75

Hybrida Grandiflora. Mixed, 30 in. ½ oz., \$1.10; ¼ oz., \$1.65 .60

Hibiscus Mallow Marvels Jumbo Red. Special selection made to improve color and size of Mallow Marvels Red. ¼ oz., 55c .30 2.80

Mallow Marvels Mixed. 4 ft. ¼ oz., 45c .30 1.60

Pink. ¼ oz., 45c .30 1.60

Crimson Eye. White with red eye. 4 ft. ¼ oz., 45c .30 1.60

Hollyhocks Chater's. Double Separate Colors.
Chamois (Buff yellow) Newport Pink
Deep Salmon Red Salmon Rose
Lilac Beauty Scarlet (Blood Red)
Maroon White
Deep Rose (Carmine rose) Yellow.
Special Double Black.

Cerise Beauty. Brilliant cerise. Selection out of Newport Pink

Each of above. ¼ oz., 55c .35 1.20

Chater's Prize Double Mixed. ¼ oz., 55c .35 1.20

Imperator Improved "Begonia Flowered" (Crested Mixed). Collar of frilled and fringed edges ¼ oz., 65c .35 2.00

Triumph. Double waved and fringed flowers in delicate art shades. ¼ oz., 55c .35 1.20

Vaughan's Special Mixture includes all Doubles, Imperator, Triumph and Allegheny. ¼ oz., 55c .35 2.00

Single mixed. ¼ oz., 30c .30 .90

Allegheny. Mammoth-flowering. Semi-double flowers. Mixed. ¼ oz., 30c .20 .80

Everblooming Double Hybrids Mixed. If sown early will bloom first year. ¼ oz., 45c .25 1.60

Indian Spring. It produces flowers of varying attractive bright rose and rosy carmine shades. Double and semi-double. Blooms from seed first year if sown early. ¼ oz., 55c .30 1.80

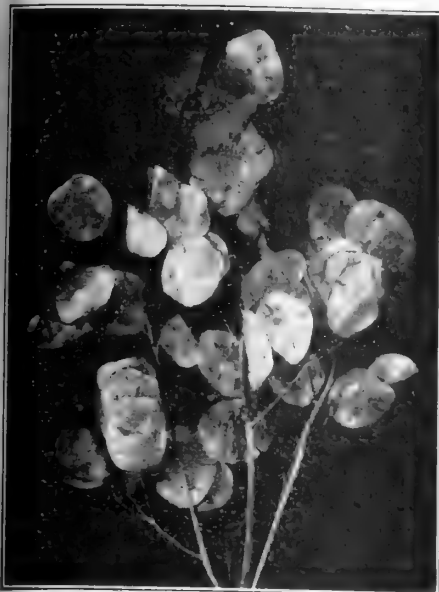
Indian Summer. Double, in an excellent range of colors. Blooms from seed first year, if sown early. ¼ oz., \$1.10 .40

Incarvillea Grandiflora Brevipetes. Large brilliant crimson rose flowers. 2 ft. ¼ oz., \$1.10 .60

Delavayi. Large Gloxinia-like flowers, rosy purple, very handsome, 24 in. ½ oz., \$1.10 .60

Isatis Glauc. (Golden Gypsophila). Foliage silvery gray-green. Clouds of fine yellow flowers in July. 2 ft. ¼ oz., 70c .40

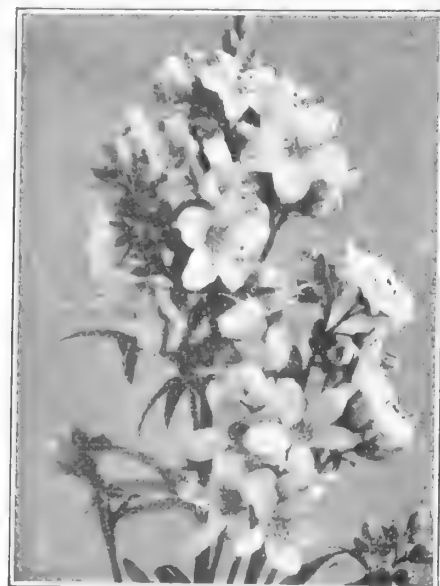
Rock plants are followed by X, and the heights given are of the plants when in bloom.



LUNARIA Biennis



POPPY Nudicaule The Emperor



POLEMONIUM Coeruleum

Seeds of Biennials and Hardy Perennials

Iris Dichotoma, August or Vesper Iris. Fragrant flowers on tall branching sprays. In bloom from July to early September. Variable in color, cream to violet purple with markings of buff, orange, copper, brown, mahogany, and rose. Sow seed in early spring or late fall while soil is cool. Usually a fair proportion will bloom the first summer. $\frac{1}{4}$ oz., 75c \$0.40 \$2.50

Giant Bearded. These are large-flowered, named "bearded" or "German" Irises of our gardens. Our seed has been saved from a fine collection, and seedlings should show remarkable range of variable color richness, all the bright self hues, with pastel harmonies in fawn, lilac, bronze tawnies, rose tones, copper and wine shadings. $\frac{1}{4}$ oz., \$2.10 .60

Kaempferi Mixed. A choice exhibition strain which will flower second year after sowing... $\frac{1}{4}$ oz., 75c .40 2.50

Siberian Mixed. Resemble the Spanish and English Irises. Excellent for cutting... $\frac{1}{4}$ oz., 70c .40 2.20

Kenilworth Ivy X (Linaria Cymbalaria). Pretty trailing variety. Pink... $\frac{1}{4}$ oz., \$1.10 .40 4.00

Lathyrus Latifolius (Everlasting Pea). Mixed... $\frac{1}{4}$ oz., 35c .25 1.10

Latifolius Pink Beauty. Large racemes of pleasing deep rose flowers. 6 ft. $\frac{1}{4}$ oz., 35c .25 1.10

Red. Rosy purple flowers. 7 ft. $\frac{1}{4}$ oz., 35c .25 1.10

White Pearl. Lovely sprays of large sweet pea-like flowers, each spray having 12 to 15 blooms. In flower all summer. 5 ft. $\frac{1}{4}$ oz., 35c .25 1.10

Lavandula Vera. Munstead Strain. Large sweet-scented flowers in abundance. It flowers a month earlier than the common Lavender; height not exceeding 1 foot, an improved Vera; $\frac{1}{4}$ oz., \$1.10 .40

Liatris Pycnostachya. Long spike of brilliant rose-purple flowers. Aug. to Oct. 4 ft. $\frac{1}{4}$ oz., 85c .35 3.00

Scariosa Violet purple. 2 ft. $\frac{1}{4}$ oz., \$1.10 .40

September Glory. 6 ft. Spike covered with purple flowers. $\frac{1}{4}$ oz., \$1.65 .60 6.00

Spicata (Blazing Star). Purple rose, 20 in. $\frac{1}{4}$ oz., 90c .40

Hybrida Kobold. Of non-branching habit, forming only one spike about 20 inches in length. The color is purple-lilac and starts to flower at the top of the spike. $\frac{1}{4}$ oz., \$1.65 .60 5.50

Lilies

Culture on Lilies from seed sent free with order. Tr. pkt. Oz.

Centifolium. Really a super-Regale, growing 6 ft. tall, with huge white trumpet flowers, tinted brownish pink outside and yellow at throat. Grows easily from seed, flowering the second year. $\frac{1}{4}$ oz., \$1.10 \$0.60 \$4.00

Formosanum Giant White. A fine variety easily raised from seed. Blooms in late summer when few hardy lilies are available. $\frac{1}{4}$ oz. \$1.10 .60 4.00

Longiflorum Praecox (White Queen). Produces blooms of the well known Erabu type in from 12 to 15 months after sowing. Long trumpet flowers of clear white. $\frac{1}{8}$ oz., \$2.75; $\frac{1}{4}$ oz., \$5.00; $\frac{1}{2}$ trade pkt., 65c 1.10

Philippinense Formosanum Snowdrift. An improvement on the old type. Blooms early in July under glass and flowers within 10 months from sowing. Grows 4 to 6 ft., often with 10 to 12 flowers, having trumpets 6 to 7 inches across. 1.10

Regale. The large, trumpet-shaped flowers are snowy white, with a pure yellow center while the exterior of the petals is slightly tinged pink. It is a strong grower, attaining the height of three or four feet. The flowers are beautiful, possessing a delightful fragrance. $\frac{1}{4}$ oz., 40c .25 1.40

Tenuifolium (Siberian Coral Lily). Flowers dazzling coral red, up and down the stem. 20 in. $\frac{1}{4}$ oz., 90c .40 3.30

Golden Gleam, 24 in. Blooms are deep orange and have recurved petals of waxy texture. One of the earliest to flower, with flowers up and down the stem. $\frac{1}{4}$ oz., \$1.55 .60 5.00

Tigrinum. Brilliant orange with brownish spots. A self-fertile strain for those who want to raise disease-free Tiger lilies from seed. Seedlings are mosaic free. 1.10

Willmottiae. Flowers vivid orange red, with recurved petals, spotted brown; slender foliage.60

Mixed. Includes all the popular sorts. $\frac{1}{8}$ oz., \$1.10 .60

Linaria Cymbalaria (Kenilworth Ivy). X Pink. 3 in. $\frac{1}{4}$ oz., \$1.10 .40 4.00

Linum Perenne (Perennial Flax). Very pretty pale blue flowers on slender stems. 30 in.20 .70

Collinum. Flower a lighter blue than Narbonense, and much dwarter in habit. Very floriferous and a long bloomer. $\frac{1}{4}$ oz., 85c .40 2.50

Flavum. Fine variety with transparent yellow flowers. 1 to 2 ft. $\frac{1}{4}$ oz., 85c .30

Compactum Nanum. X Glowing golden yellow, dark green foliage. Everbloomer, 6 in. $\frac{1}{16}$ oz., 80c .40

Narbonense. Azure blue flowers with white eye, graceful habit. 30 in.40

Heavenly Blue. The flowers are twice as large as the common Linum Perenne. The color is a luminous ultramarine blue. $\frac{1}{8}$ oz., 75c; $\frac{1}{4}$ oz., \$1.25 .40



MATRICARIA Double Selected White

Seeds of Biennials and Hardy Perennials

Lobelia Cardinalis (Cardinal Flower). Rich, fiery cardinal flowers. Needs moist shady location. 36 in.	Trade pkt. Oz.		
..... 1/4 oz., \$1.10	\$0 40	\$4.00	
Lunaria Biennis . (Honesty). Lilac purple flowers, silvery pod.	1/4 oz., 40c	.30	1.40
Biennis Alba . White flowers with silver pods. 1/4 oz., 40c	.30	1.40	
Lupinus Polyphyllus .			
Albus . Large, pure white spikes. 2 to 3 ft.	1/4 oz., 35c	.25	1.10
Carmineus . Carmine shades.	1/4 oz., 55c	.30	1.80
Coculeus Blue	1/4 oz., 55c	.30	1.60
Roseus . Very pretty rose shades. 3 ft.	1/4 oz., 65c	.30	2.20
Downer's Hybrids . Perpetual flowering hybrids.	1/4 oz., 65c	.30	2.20
Russell . A marvelous selection of Perennial Lupins. Most unusual colors and color combinations. The flowerettes are much larger than the other Polyphyllus varieties.	1/4 oz., 65c; 1/4 lb., \$6.60	.40	2.20
Vaughan's Special Mixture . This is a choice mixture of the best perennial Lupins.	1/4 oz., 45c	.30	1.60
Nitragin , for inoculating Lupin seed. Garden size 15c			
Lychnis Alpina . Clusters of brilliant rose colored flowers in spring and early summer. Very dwarf, fine for the rock garden. 4 in. ....		.60	....
Arkwrightii . Large flowers in brilliant colors, varying from orange-scarlet to soft-salmon pink. May. 2 to 3 ft.	1/4 oz., 85c	.40	2.70
Chalcedonica . Vivid scarlet flowers. 36 in.	1/4 oz., 45c	.30	1.60
Haageana Hybrida . Mixed, extra choice, 18 in.	1/4 oz., \$1.10	.30	....
Viscaria Splendens . Early, deep rose, 16 in.	1/4 oz., 55c	.30	....
Lythrum Roseum Superbum . Rose-purple in spikes. A good border plant. 40 in.	1/4 oz., 55c	.40	2.00
Superbum The Beacon . Excellent for moist or wet locations in the border. An English introduction of merit, produce 12 or more 3-foot upright spikes of clear rosy red which last a month or more, and are also good for cutting.	1/4 oz., 85c	.40	2.90

Matricaria. (Feverfew). Double Select White. This is the one and only fully double-flowering pure white strain of Feverfew from seed. It is 98% true to this description. 18 in. grown outside, 2 to 3 ft. when grown under glass. Trade pkt., 40c; 1/2 oz., \$1.10; 1/4 oz., \$2.00; oz., \$6.25.

Matricaria Golden Ball. Striking double golden yellow. Trade pkt. Oz.
8 in. 1/4 oz., 85c \$0.40 \$2.75

Myosotis. See Forget-Me-Not.

Trade pkt. Oz.

Native Wild Flowers Mixed, for sun and shade.

..... 1/4 oz., \$1.00	\$0 40	\$3 60	
Nepeta Mussini . X Neat bushes of small lavender-like foliage covered with terminal spikes of lavender-blue flowers, both foliage and flowers aromatic. 1 ft.	1/4 oz., 85c	.30	2.50
Nierembergia Hippomanica Coerulea . X The lovely lavender-blue flowers, heightened by a touch of yellow in the center. Plants are compact, and as an edging plant it is unexcelled; splendid pot plant. Will winter over if given some protection.	1/2 oz., \$1.10; 1/6 oz., \$2.00	.60	....
Purple Robe Improved . (New). The rich violet blue color is deeper than that of the original and the plants more dwarf and compact. This new strain does not fade under hot weather conditions, as does Purple Robe.	1/2 oz., \$2.00; 1/6 oz., \$3.50	.75	....
Oenothera Lamarkiana . Large yellow flowers on long spikes, 2 ft. ....		.20	.60
Macrocarpa (Missouriensis). Large yellow flowers, fine trailer, June-Sept. 12 in.	1/4 oz., \$1.10	.30	....
Youngii . Large yellow bloom. 18 in.	1/4 oz., 65c	.30	2.00
Pentstemon Barbatús . Tall erect, branching. A showy scarlet perennial.	1/8 oz., 90c; 1/4 oz., \$1.65	.40	....
Grandiflorus . Excellent, easily grown, long lasting cut flower. Lavender-blue. 3 ft.	1/4 oz., \$1.10	.35	4.00
Perennial Varieties Mixed	1/8 oz., 75c; 1/4 oz., \$1.20	.40	....
Phlox Divaricata . Flowers are of royal blue-lavender which varies a bit. Fragrant. 1 1/4 ft.	1/4 oz., \$2.45; 1/8 oz., \$1.35	.60	....
Decussata . Perennial varieties mixed. Seed germinates slowly.	1/4 oz., 65c	.40	2.20
Physalis Franchetti (Chinese Lantern Plant). Large bright orange scarlet pods, useful for winter decorations.	1/4 oz., 85c	.30	2.80
Physostegia Summer Snow . A grand glistening white, all summer display. Dignified spikes on foliage of the deepest green. A fine cutflower.	1/4 oz., \$1.65	.60	5.50
Virginica . Deep rose flowers in close compact spikes.	1/4 oz., 85c	.30	....
Platycodon Grandiflorum . Blue, 28 in.	1/4 oz., \$1.55; 1/8 oz., 85c	.40	....
Grandiflorum . Album. White, 28 in.	1/4 oz., \$1.55; 1/8 oz., 85c	.40	....
Double White . Comes 90% true from seed.	1/4 oz., \$3.30; 1/8 oz., \$1.90; 1/6 oz., \$1.10	.60	....
Blue	1/4 oz., \$3.30; 1/8 oz., \$1.90; 1/6 oz., \$1.10	.60	....
Mixed	1/4 oz., \$3.30; 1/8 oz., \$1.90; 1/6 oz., \$1.10	.60	....
Mariesii . Dark blue, dwarf. 16 in.	1/4 oz., 95c	.40	3.30
Alba . White and faint blue dwarf 16 in.	1/8 oz., 85c	.40	....
Polemonium Coeruleum . (Jacob's Ladder) Blue.	1/4 oz., \$1.00	.50	3.60
Richardsoni . Dwarf, blue, early. 20 in.	1/4 oz., \$1.00	.50	3.60
Polyanthus (See Primula Veris).			

POPPY

Cut newly opened flowers either early in the morning or in the late evening and immediately (within five minutes of cutting) burn the ends of the stems at the gas range or electric range for a depth of two inches. Burn them well until the ends are charcoal and glow red when taken from the fire. Then put them in fresh water and your Poppies will last from three days to a week in the house, or you can put them in full sun and they will stand up two or three days, or until the petals drop, without wilting.

Papaver Nudicaule X (Iceland). Amurense "Yellow Wonder". Large flowers of buttercup-yellow are freely produced on stems 25 inches long. Foliage is glaucous, covered with short hairs.	1/2 oz., 55c; 1/4 oz., \$1.00	\$0.30	\$3.60
Coonara . Salmon, pink and rose shades. 1 1/2 ft.	1/4 oz., 75c	.30	....
The Emperor . Large-flowered, orange, long-stemmed.	1/4 oz., 80c	.30	2.60



PRIMULA Veris Monarch Strain



STOKESIA Cyanea



PYRETHRUM
Robinson's Giant Hybrids Mixed

Seeds of Biennials and Hardy Perennials

POPPY Nudicaule—Continued

Trade pkt. Oz.

The Empress. Flower large, full, well formed, with broad overlapping petals, deeply fluted or wrinkled. The colors range through lovely shades of salmon-rose and creamy pink.	1/4 oz., 90c	\$0.30	\$3.20
Gartford Giant Art Shades. This mixture is an excellent strain with exceptionally fine large flowers, beautifully fluted and soft textured, carried on extremely long heavy, wiry stems. The color range includes lovely pastel shades.	1/8 oz., 70c; 1/4 oz., \$1.10	.40	....
Kelmscott Strain. The best strain, strong wiry stems when well grown 3 ft. long, large flowers in great variety of beautiful colors.	1/8 oz., 65c; 1/4 oz., \$1.10	.40	....
Red Cardinal. 12 in. Brilliant cardinal red.	1/8 oz., \$1.10	.40	....
Yellow Emperor. 18 in. A true Nudicaule of clear lemon yellow, having the vigor, wiry stems and large flowers of the type. Flowers 3 1/2 to 4 inches, on low bushy plants.	1/8 oz., 65c; 1/4 oz., \$1.10	.40	....
White.	1/4 oz., 80c	.30	2.20
Sanford's Giant Hybrids. The flowers are immense, 2 1/2 to 3 inches in diameter. The color balance is excellent. The stems longest we have seen. Extremely free-flowering. 2 ft.	1/4 oz., 70c	.30	2.40
Vaughan's Special Mixture of Iceland Poppies, containing every worthwhile strain of these beautiful and useful Poppies.	1/4 oz., 90c	.30	3.20

ORIENTAL POPPY

The named varieties of Oriental Poppies do not come entirely true from seed.

Orientele (Oriental Poppy). Scarlet. 3 ft.	1/4 oz., 65c	.30	2.20
Beauty of Livermere. Oxblood-red with dark blotch.	1/8 oz., \$1.10; 1/4 oz., \$1.90	.40	....
Brilliant. Brilliant fiery red. 40 in.	1/8 oz., \$1.10; 1/4 oz., \$1.90	.40	....
Mahoney. Maroon-crimson. 40 in.	1/8 oz., \$1.10; 1/4 oz., \$1.90	.40	....
Mrs. Perry. Salmon Rose.	1/8 oz., \$1.10	.40	....
Princess Victoria Louise. Flowers rather small, resembling a large tulip; perfect form; light orange-salmon. 40 in.	1/8 oz., \$1.00; 1/4 oz., \$1.80	.50	....
Rembrandt. The finest orange-scarlet.	1/8 oz., \$1.10; 1/4 oz., \$1.95	.60	....
Salmon Shades. An outstanding strain of salmon shades ranging from light to dark; extra large flowers.	1/8 oz., \$1.10; 1/4 oz., \$1.90	.40	....
New Oriental Hybrids. From a collection of new named sorts.	1/4 oz., \$1.10	.40	3.90
Vaughan's Special Mixture.	1/4 oz., \$1.10	.40	3.90

Potentilla Warrensi. A lovely plant for the sunny hardy border. Covered with large, pure yellow blossoms all summer. Suitable for cutting. 2 ft.	1/4 oz., 95c	\$0.40	....
Double Mixed.	1/4 oz., \$1.10	.60	....

PRIMULA VARIOUS SORTS

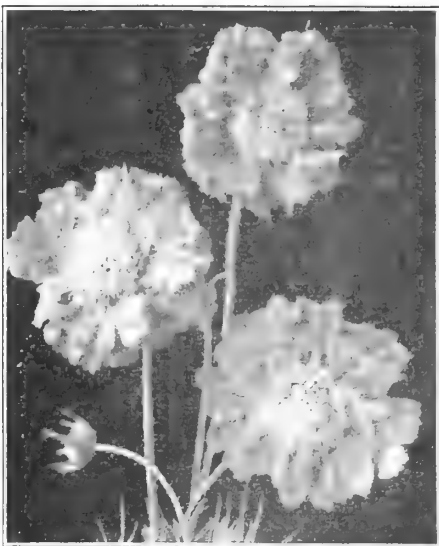
Acaulis Blue. The finest obtainable being regular and rich in color.	1/4 oz., \$2.00; 1/2 oz., \$3.60	1.10	....
Auricula. X Extra Large Flowered. Mixed, 6 in.	1/8 oz., \$2.00; 1/4 oz., \$3.50	.85	....
Monarch Strain Mixed. The finest strain of Exhibition Auricula. Wonderful markings on perfectly formed flowers.	1/6 oz., \$2.00; 1/8 oz., \$3.50	1.10	....
Bulleyana. Flowers yellow, bud terra-cotta.	1/6 oz., \$1.10	.60	....
Cashmeriana. Lilac, early, hardy. 12 in.	1/2 oz., \$1.10	.60	....
Denticulata Grandiflora Hybrida X. Handsome clustered blossoms in varying degrees of lilac, lavender, mauve and purple. 12 in. . . . .		.60	....
Florindae. Fragrant, bright yellow pendent flowers. 3 to 4 ft.	1/6 oz., \$1.00	.60	....
Japonica Mixed. Bright flowers borne in whorls on stems 6 to 9 in. long.	1/8 oz., \$1.10	.60	....
Rosea Grandiflora. X Rose-carmine, May-June. 8 in.	1/4 oz., \$1.55	.85	....
Vulgaris. X True. Yellow Primrose. 6 in.	1/8 oz., \$1.10; 1/4 oz., \$1.90	.60	....

Write for special prices on larger amounts.



PRIMULA VERIS COLOSSEA MIXED

Rock plants are followed by X, and the heights given are of the plants when in bloom.



SCABIOSA Caucasica, House's New Hybrids



TROLLIUS



VERONICA

Seeds of Biennials and Hardy Perennials

PRIMULA VERIS

	Trade	pkt.	Oz.
Veris Giant Crimson.....	$\frac{1}{16}$ oz., \$1.90; $\frac{1}{8}$ oz., \$3.30	\$0.85	....
Lutea. Yellow.....	$\frac{1}{8}$ oz., \$1.10	.60	....
Colossea Mixed. The large heads of flowers are borne on very long and stiff stalks quite above the foliage and have proven to be very valuable as cut flowers for early forcing. The flowers which are freely produced are extremely large, measuring more than $1\frac{1}{4}$ inch across. The range of colors is most remarkable, including many quite new shades of lilac, pink, copper as well as the darkest red.....	$\frac{1}{8}$ oz., \$2.75; $\frac{1}{4}$ oz., \$5.00	1.10	....
Giant Bouquet. A magnificent development of this old garden favorite, the flowers being of exceptional size, often 2 inches across. They are produced in great numbers and display an immense variety of coloring from white to cream, yellow, scarlet, purple and crimson. Borne on strong stems they are excellent for cutting, as well as making a splendid show in the garden.....	$\frac{1}{8}$ oz., \$2.75; $\frac{1}{4}$ oz., \$5.00	1.10	....
Monarch Mixed. The result of years of selection to fix a strain free from objectionable loose headed plants. The flowers are produced from a stiff and strong central stem. Strong and vivid colors are in majority, but soft art shades occur in sufficient number to create a perfect blend of colors.....	$\frac{1}{8}$ oz., \$2.20; $\frac{1}{4}$ oz., \$4.10	.85	\$15.50
Grandiflora Mixed. Giant Flowered, finest mixed.....	$\frac{1}{8}$ oz., \$2.00; $\frac{1}{4}$ oz., \$3.60	.85	....
Giant Munstead Strain. Flowers of largest size containing fine shades in yellow and white.....	$\frac{1}{16}$ oz., \$1.35; $\frac{1}{8}$ oz., \$2.50	.85	....
Giant Red Shades.....	$\frac{1}{16}$ oz., \$1.90; $\frac{1}{8}$ oz., \$3.30	.85	....

PYRETHRUM (Painted Daisies)

Roseum Rose.....	$\frac{1}{8}$ oz., 90c; $\frac{1}{4}$ oz., \$1.65	.60	5.00
James Kelway. Deep scarlet, varies.....	$\frac{1}{4}$ oz., \$1.90	.60	....
Grandiflorum Mixed. Large flowering.....	$\frac{1}{8}$ oz., 90c; $\frac{1}{4}$ oz., \$1.55	.60	5.50
Robinson's Giant I Hybrids. Mixed.....	$\frac{1}{4}$ oz., \$1.75	.60	6.00
Robinson's Dark Crimson.....	$\frac{1}{4}$ oz., \$1.75	.60	6.00
Double Pink.....	$\frac{1}{16}$ oz., \$1.65	1.10	....
Double Red.....	$\frac{1}{16}$ oz., \$1.65	1.10	....
Double Sulphur yellow.....	$\frac{1}{16}$ oz., \$1.65	1.10	....
Double White.....	$\frac{1}{16}$ oz., \$1.65	1.10	....
Double Mixed. Extra choice.....	$\frac{1}{8}$ oz., \$1.55; $\frac{1}{4}$ oz., \$2.75	.60	8.20
Double Pyrethrum does not produce 100% double flowers—the percentage is better the second year it blooms.			
Cinerariaefolium. Persian Insect Powder Plant. White, for cutting. 2 ft.....	$\frac{1}{4}$ oz., 90c	.30	3.30

Ranunculus. Asiaticus Mixed. Very fine varieties in mixture.....	$\frac{1}{4}$ oz., 65c	\$0.40	\$2.20
Rock Plants. Perennial Mixed.....	$\frac{1}{4}$ oz., 80c	.35	2.70
Rudbeckia Hirta Herbstwald (Autumn Tints). Well formed, large starflowers in yellow, bronze and brown shades on long, firm stems.....	$\frac{1}{4}$ oz., 45c	.30	1.60
Newmanii (Speciosa). Orange rays, black disc; a showy autumn bloomer.....	$\frac{1}{4}$ oz., 80c	.30	2.70
Purpurea (Echinacea). 4 ft.....	$\frac{1}{4}$ oz., 95c	.30	3.30
Salvia Patens. Very large flowers, splendid blue, free bloomer.....	$\frac{1}{4}$ oz., \$1.60	.60	....
Pratensis. Dark Blue.....	$\frac{1}{4}$ oz., 65c	.40	2.20
Saponaria X Ocyroides Splendens. Rosy purple. Pretty border or rock plant.....	$\frac{1}{4}$ oz., 45c	.30	1.40
Scabiosa Caucasica Alba. Pure white. 40 in. $\frac{1}{4}$ oz. \$1.10		.40	4.00
Caucasica Perfecta. Lavender. Improved form, fringed flowers, very large and beautiful.....	$\frac{1}{4}$ oz., 75c	.35	2.80
House's New Hybrids. Flowers very large and of beautiful form, ranging in color from light azure-blue and lavender to deep blue and silvery white.....	$\frac{1}{4}$ oz., \$1.10	.40	4.00
Goldingensis. Large flowers, waved petals, small center, deep lavender.....	$\frac{1}{4}$ oz., \$1.10	.40	4.00
Vaughan's Special Mixture. All the above Caucasica types.....	$\frac{1}{4}$ oz., \$1.00	.40	3.60
Sidalcea Rose Queen. Splendid rose flowers $\frac{1}{4}$ oz., \$1.10		.40	....
Rosy Gem. Mallow pink. 18 in.....	$\frac{1}{4}$ oz., \$1.10	.40	....
New Hybrids.....	$\frac{1}{4}$ oz., \$1.10	.40	....
Silene Schafta. X Bright pink, trailing habit, July. 8 in. ....		.60	....
Soldanella X Alpina. Elegant dwarf Alpine, drooping pale blue flowers. 3 in.....		.60	....
Statice Caspia. Tender lilac color.....	$\frac{1}{4}$ oz., 85c	.30	2.75
Dumosa. Dense cushions of pure silver-gray flowers; an improved Tatarica. 30 in.....	$\frac{1}{4}$ oz., 95c	.40	3.30
Latifolia. Small lavender-blue flowers in large panicles. 1 ft.....	$\frac{1}{4}$ oz., 65c	.30	2.40
Perezii. Free-flowering lavender species. 30 in.....	$\frac{1}{4}$ oz., 65c	.30	2.20
Stokesia Cyanea (Stoke's Aster). Large blue flowers, dwarf habit, beautiful late bloomer... $\frac{1}{4}$ oz., 90c		.40	3.20
Sweet William. See Dianthus Barbatus.			
Thalictrum Adiantifolium. A dwarf species much used and admired, with yellow flowers. $\frac{1}{4}$ oz., 55c		.30	....
Aquilegifolium Mixed (Meadow Rue). Graceful foliage, mixed colors.....	$\frac{1}{4}$ oz., 55c	.30	....
Dipterocarpum Magnificum. Lovely mauve flowers in large panicles, most charming for cutting. 4 to 5 ft.....	$\frac{1}{8}$ oz., \$1.10	.60	....

Seeds of Biennials and Hardy Perennials

Thermopsis Caroliniana. Yellow pea-shaped flowers Trade pkt. Oz. in long racemes. 3-5 ft.	$\frac{1}{4}$ oz., 75c	\$0.30	\$2.40
Thymus Serpyllum. X (Wild Thyme). Creeping, purple flowers. 2 in. ....		.60	
Tradescantia Mixed. Seed saved from named varieties.	$\frac{1}{8}$ oz., 85c	.40	
Tritoma Hybrida Mirabilis. Blooms first year from seed	$\frac{1}{4}$ oz., 75c	.40	2.40
Miracle Mixture. Early flowering.	$\frac{1}{4}$ oz., 95c	.40	3.30
Perpetual Flowering. Comes into flower in July and blooms continuously until frost.	$\frac{1}{4}$ oz., 75c	.40	2.40
Pfitzer's Hybrids. Large brilliant red.	$\frac{1}{4}$ oz., 75c	.40	2.40
Trollius Europaeus (Golden Ball). Yellow, distinct, late bloomer.	$\frac{1}{16}$ oz., 95c	.40	
Ledebouri. Late flowering, large orange-yellow flowers. 2 ft.	$\frac{1}{16}$ oz., 95c	.40	
Ledebouri Golden Queen. Large flowers, petals golden orange, yellow anthers. 3 to 4 ft.	$\frac{1}{16}$ oz., \$1.00; $\frac{1}{8}$ oz., \$1.80	.50	
Mixed.	$\frac{1}{16}$ oz., 95c; $\frac{1}{8}$ oz., \$1.65	.40	
Soak Trollius seed in hot water 30 minutes before sowing.			
Tunica X Saxifraga. Lilac-rose, May. 10 in.	$\frac{1}{4}$ oz., 95c	.40	
Valeriana Alba White (Garden Heliotrope). 36 in. Fra- grant flowers in June.	$\frac{1}{4}$ oz., 70c	.30	2.40
Rubra (Coccinea). Purple rose. 36 in.	$\frac{1}{4}$ oz., 70c	.30	2.40
Mixed.	$\frac{1}{4}$ oz., 70c	.30	2.40
Verbascum Miss Willmott. Large yellowish white flowers. 5 ft.	$\frac{1}{8}$ oz., 55c	.30	
Harkness Hybrids. Immense spikes of pure yellow, tall vigorous habit, splendid variety. 7 ft.	$\frac{1}{8}$ oz., 55c	.30	
Olympicum. Silvery foliage, golden yellow flowers. 6 ft.	$\frac{1}{4}$ oz., \$1.20	.50	
Verbena Bonariensis Improved. Upright growing, slen- der branched stems, numerous terminal umbels of rosy lavender flowers. Germination takes full six weeks unless sown in a temperature of 75 degrees. 3 to 4 ft.	$\frac{1}{8}$ oz., \$1.40; $\frac{1}{4}$ oz., \$2.50	.40	
Veronica Incana (Candida). Ageratum-blue, silvery foliage. ....		.60	
Spicata. Various shades. 1 $\frac{1}{2}$ ft.	$\frac{1}{4}$ oz., 90c	.40	
Dwarf Sorts Mixed.	$\frac{1}{4}$ oz., 70c	.40	2.20

Viola

In most cases the true Violas are a better bedding subject than many Pansies.

Cornuta Admiration. Very large circular dark blue Trade pkt. Oz. flowers. 8 in.	$\frac{1}{8}$ oz., \$1.10; $\frac{1}{4}$ oz., \$2.00	\$0.60	\$6.00
Apricot. Tinted orange at base.	$\frac{1}{8}$ oz., \$1.20; $\frac{1}{4}$ oz., \$2.20	.60	
Arkwright Ruby. Bright ruby crimson, with central markings; velvety; fragrant.	$\frac{1}{8}$ oz., \$1.65; $\frac{1}{4}$ oz., \$2.90	.60	9.00
Avalanche. Giant pure white.	$\frac{1}{16}$ oz., \$1.10; $\frac{1}{8}$ oz., \$2.00	.60	
Blue Beauty. Bright blue, early, free flowering.	$\frac{1}{8}$ oz., \$1.65	.60	
Blue Butterfly. Mid-blue shading to white. Re- sembles Pansy Beaconsfield.	$\frac{1}{4}$ oz., \$1.35	.60	4.40
Blue Perfection. Light blue, large flowered. 8 in.	$\frac{1}{8}$ oz., \$1.10; $\frac{1}{4}$ oz., \$2.00	.60	6.00
Chantreyland. Masses of beautiful flowers in rich apricot shade, tinted orange.	$\frac{1}{4}$ oz., \$2.50	.60	
Chinese Blue. A round-faced type of Viola. Ac- cording to the Royal Horticultural Chart this is French Blue. It is the nearest substitute to the famous Viola Maggie Mott.	$\frac{1}{8}$ oz., \$1.65; $\frac{1}{4}$ oz., \$2.90	.60	9.00
Ilona. Wine-red.	$\frac{1}{8}$ oz., 85c	.40	4.80
Jersey Gem. Compact habit, deep violet-blue. 8 in. Free flowering.	$\frac{1}{8}$ oz., \$2.20	.60	
King Henry. Rich violet blue lavender center with small yellow eye.	$\frac{1}{8}$ oz., \$1.10	.60	
Lutea Splendens. Chrome yellow. 8 in.	$\frac{1}{4}$ oz., \$1.35	.60	4.50
Papilio. Blue and white. 6 in.	$\frac{1}{4}$ oz., \$1.40	.40	
Puck. Yellow and Purple.	$\frac{1}{4}$ oz., \$1.50	.40	5.20
White Perfection. White. Large flowered. 8 in.	$\frac{1}{4}$ oz., \$1.50	.40	5.20



VIOLA Cornuta. In Flower All Summer

VIOLA—Continued

Yellow Gem. Compact habit, clear yellow flower. Trade pkt. Oz.
..... $\frac{1}{4}$ oz., \$1.35 \$0.40

Vaughan's Special Mixture. The bright shades
of self colors of red, yellow, blue and apricot,
undoubtedly make these Violas a supreme
mixture. $\frac{1}{8}$ oz., \$1.65; $\frac{1}{4}$ oz., \$2.90 .60 \$9.00

Large Flowering Scotch. This strain will have
large flowers. The color range is from white
through all intermediate shades to purple all
with two tone effect without blotches.
..... $\frac{1}{8}$ oz., \$1.95; $\frac{1}{4}$ oz., \$3.30 .60 11.00

Viola—Various Types

Blue Elf. 9 in. The upper petals are deep violet blue, Trade pkt. Oz. lower petals light violet blue with gold eye and black lines radiating from center, small dark green foliage.	$\frac{1}{16}$ oz., 90c; $\frac{1}{8}$ oz., \$1.55	\$0.60	
Johnny Jump Up. Little Pansy faces of purple, blue and yellow.	$\frac{1}{8}$ oz., 90c; $\frac{1}{4}$ oz., \$1.65	.50	
Helen Mount. Average height about 8" with about a 12" spread of plant. Narrow, bushy foliage. Very free blooming. Two upper petals rich violet, two smaller lower petals are lavender and the lower petal or lift is canary yellow with black lines radiating from the eye.	$\frac{1}{8}$ oz., 85c	.40	\$4.80
Nigra (Black Imp). Interesting and attractive little pansy, pretty small black flowers.	$\frac{1}{8}$ oz., \$1.10	.60	
Odorata Semperflorens, Blue Sweet Violet.	$\frac{1}{4}$ oz., \$1.35	.40	

Annual Wallflowers

Their deliciously scented flowers are a worthwhile early Spring
crop when grown in a limited way. They like rich soil and a tem-
perature of 45 to 50 degrees.

Double Annual "Early Wonder Mixed." This remark- Trade pkt. Oz.
able Wallflower comes into bloom within five months
from sowing. These must be grown in 4-inch flats; they
do not like too much root room. 2 ft. $\frac{1}{4}$ oz., 65c \$0.30 \$2.20

Annual Blood-Red.25 .90
Yellow, 20 in.25 .90

Yucca Hardy Varieties Mixed. $\frac{1}{4}$ oz., 80c .30 2.70

Perennial Plant Specialties

Complete list of Chrysanthemum rooted cuttings, both greenhouse and hardy varieties, with cultural data, mailed on request.

We list and describe below plants of perennials which are much in demand, including recent introductions. These are heavy rooted, healthy, field grown plants. 25 Plants—at the 100 Price. Not Less Than 25 of Any One Variety Can Be Ordered.



AQUILEGIA Mrs. Scott Elliott's Long Spurred Hybrids

ANCHUSA (Sea Bugloss)

Italica Dropmore (Alkanet). Grows 5 to 6 feet tall and makes a splendid background plant. Bears loads of true gentian flowers in June. Very hardy and sturdy. Per 100, \$12.00.

AQUILEGIA (Columbine)

Mrs. Scott Elliott's Hybrids. Unquestionably the finest color mixture grown. Flowers are large, have long spurs and the colors cover all shades of lavender, purple, red, white, yellow, blue and pink. Per 100, \$14.00.

Crimson Star. Very striking. Blooms are bright crimson outside; waxy white inside. Excellent for cutting. Per 100, \$15.00.

Long Spurred Blue. Large flowers in all shades of blue. Extremely long spurs. A heavy blooming type; sturdy grower. Per 100, \$14.00.

Long Spurred Hybrids. A superior cutting variety. Also much in demand for bedding because of the exceptionally wide range of colors. A very prolific bloomer. Per 100, \$15.00.

ARTEMISIA (Southernwood)

Silver King. A striking contrast plant with light silvery gray foliage. Much used in mixed bouquets. May be cut and dried for winter use. We offer well rooted plants. Per 100, \$14.00.

ASCLEPIAS (Orange Butterfly Weed)

Tuberosa. Produces an abundance of brilliant orange flowers during July and August. Plants attain a height of 2 to 2½ feet; are extremely hardy and grow successfully in any soil. Per 100, \$14.00.

ASTER (Michaelmas Daisy)

Harrington's Pink. Beautiful deep rose-pink blooms are produced in great abundance and make a truly striking picture in the perennial bed. Plants attain a height of 4 feet; excellent for cutting. Hardy, vigorous grower. Per 100, \$18.00.

HARDY CARNATION (Carnation Grenadin)

Almost a necessity in your garden. These hardy outdoor carnations have unlimited uses. For spots of bright color, for cutting and for fragrance they are unexcelled. Bloom practically all through the summer. 18 inches.

King of the Blacks. One of the finest hardy carnations. Large flowering and fragrant with deepest maroon color and satiny black sheen. Per 100, \$14.00.

Golden Sun. Sweet scented, golden yellow. Per 100, \$16.00.

Pink. We highly recommend this for clear pink color. Per 100, \$16.00.

Red. Really brilliant color and very profuse habit of bloom makes this much desired. Per 100, \$14.00.

White. To complete the color range in your carnation planting be sure to include this one. Per 100, \$16.00.

CHEIRANTHUS (Siberian Wallflower)

Allionii, Golden Bedder. Bright golden yellow blooms make a rich color display in the rockery or border during May and June. Plants reach a height of 12 inches. Per 100, \$12.00.

HARDY CHRYSANTHEMUMS FROM 2¼" POTS

Avalanche. Early white, 4' flowers on tall stems. Per 100, \$15.00.

Alabaster. Excellent 5 inch incurved white. September 20th. Per 100, \$15.00.

Beacon. Fully double, 4 inch flower of coral-apricot. Excellent for cutting. Per 100, \$15.00.

Bronze Early Buttercup. Rich deep bronze with golden buff reverse. A fine incurved variety. Blooms early October. Per 100, \$15.00.

Black Velvet. Rather late dark red double flowering cushion. Very hardy. They are always dependable—always make a show. Per 100, \$20.00.

Bronze Cushion. Deep Bronze turning to coppery yellow. Per 100, \$12.00.

Camilla. A new rich cherry red. Blooms in September. Per 100, \$18.00.

Chas. Nye. Large, fully double, rounded flowers of buttercup-yellow. Sept. 28th. Per 100, \$18.00.

Chris Columbus. New outstanding ivory-white. A luxuriant grower, excellent for cutting. Sept. 28th. Per 100, \$18.00.

Dwarf Jewel. At last, a jewel type flower on a compact cushion-shaped plant. Color is a very pleasing soft lavender. Per 100, \$18.00.

Golden Carpet. Imagine a rug made of glowing golden pompons! A creeping mound, 2" or more across, glittering in the fall sun—only 1' high. Ideal for bedding. Per 100, \$18.00.

Huntsman. Bright scarlet. Rugged and vivid, an outstanding new mum. Mass of 3" blooms, lusty 2½ ft. plant, very hardy. Per 100, \$18.00.

Jackie. A rich wine-red. Blooms late, but will always come into bloom after it has been severely frosted. Per 100, \$15.00.

Jayeff. Deep positive pink with a dazzling sheen. No other color or flower form like it. Flowers are huge, 4" or more without subsiding. Blooms in September. Per 100, \$20.00.

Joan Helen. Sparkling garnet-shading to purple; bright, yellow center. September 10th. Per 100, \$15.00.

Lavender Lady. Immense double flowers, in a beautiful silvery lavender shade. Blooms are 3 inches or more across. Unusually hardy. October 6th. Per 100, \$15.00.

Leda. Beautiful rolled petals of heliotrope-pink. October 2nd. Per 100, \$15.00.

Maid Marion. Early Sept. Stocky light pink to white. 3" blooms. Per 100, \$15.00.

Miss Lace. True light pink. Three-inch blooms on strong upright stems; 30 inches high. Blooms in September. Per 100, \$18.00.

Mrs. Du Pont. Peach-pink tinted rosy salmon-bronze. October 5th. Per 100, \$15.00.

Orchid Helen. A sturdy 18-inch bush, completely covered with 3-inch double pink-orchid flowers. The petals are unusually stiff, adding to its beauty. Per 100, \$20.00.

Patricia Lehman. Sparkling geranium-pink with peach center. Recurved and twisted petals give fluffy, feathery effect. Strong, upright grower. Per 100, \$15.00.



GARDEN CHRYSANTHEMUMS

Pink Cushion. Myriads of bright pink flowers. Per 100, \$12.00.

Red Cushion. A select rich glowing red. Per 100, \$12.00.

Red Velvet. A surpassingly fine, full double, velvety crimson. The best of all crimsons. October 2nd. Per 100, \$15.00.

Sept. Sunshine. Brilliant yellow blooms completely cover compact, well rounded plants from mid-September until frost. Very free-flowering. Fine for low border and cutting. Per 100, \$18.00.

White Tower. A sturdy perfect pompon with broad petals, first creamy white, then opening pure white. A good cutting variety. Very free. Per 100, \$30.00.

Yellow Ambassador. A satiny soft Yellow on strong, straight stems. Excellent cut flower. Per 100, \$20.00.

Yellow Cushion. A distinctive bright yellow. Per 100, \$14.00.

Zantha. A new perpetual-blooming, clear canary-yellow with ball-shaped flowers. Outstandingly good. September 6th. Per 100, \$15.00.

COREOPSIS (Tickseed)

Double Sunburst (New Gold). A new variety which bears double flowers of good color. Keeps exceptionally well when cut. Large plants. Per 100, \$15.00.

DIANTHUS BARBATUS (Sweet William)

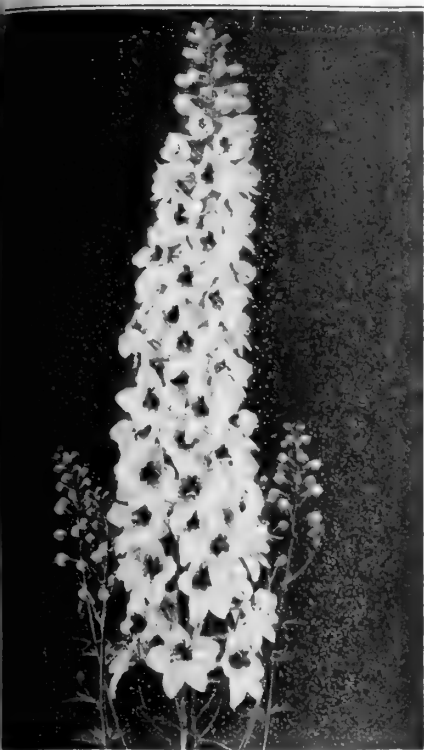
Latifolius Atrococcineus Flora Plena. A beautiful summer blooming variety as it bears brilliant fiery crimson blooms all through the season. Very hardy and a sturdy grower. Per 100, \$12.00.

Vaughan's Special Mixture. Excellent strain of vigorous growing plants with wide range of brilliant mixed colors. Per 100, \$13.00.

DIANTHUS PLUMARIUS (Clove Pinks)

Double Mixed. Old-fashioned hardy pinks in assorted colors. Plants are extremely hardy and will thrive almost anywhere. Per 100, \$12.00.

Spring Beauty. Large size, double blooms; typically carnation in form and fragrance. Wide range of mixed color shades. Per 100, \$12.00.



DELPHINIUM Giant Hybrids

THE WORLD'S FINEST DELPHINIUMS

The Famous Vetterle and Reinelt Pacific Hybrids

This elegant strain of Delphinium is almost beyond description. Flower spikes 3 to 5 feet long closely packed with individual flowers from 2 to 3 inches across; many are double, semi-double, some single. The plants are resistant to mildew and stems are wiry and strong enough to resist high winds. These are strong, well rooted field grown plants.

Black Knight. Darkest royal violet.

Blue Bird. Clear medium blue, with white bee

Blue Jay. Dark blue with dark bee.

Galahad. Clear white. Mildew resistant.

Guinevere. Light-pink lavender, with white bee.

King Arthur. Royal violet, large white bee

Summer Skies. Clearest light blue with white bees.

Your Choice of the above Listed Varieties—
Per 100 \$18.00

Belladonna Imp. Cliveden Beauty. Light blue
Per 100, \$12.00.

Bellamosum. Deep blue. Per 100, \$12.00.

Amartine. Deep blue, white eye. Per 100, \$12.00.

DIGITALIS (Foxglove)

Giant Shirley Hybrids. This elegant strain of an old fashioned flower grows to 4 feet high, ideal for tall colorful backgrounds. The color mixture is superb. We heartily recommend this variety of Foxglove. Per 100, \$15.00.

GAILLARDIA (Blanket Flower)

For general hardiness and the profusion with which they produce their colorful blooms, the Gaillardias are in a class by themselves. Plants require only the very simplest care. Blooms keep extremely long after cutting or will make a bright color display in the perennial border.

Burgundy. Outstanding for its vigorous growth and long blooming period. Plants produce a profusion of warm, rich dark red blossoms with high-tufted centers. Very colorful and very desirable in the mixed border. Per 100, \$15.00.

Dazzler. One of the most brilliant of the family. Large flowering type with blooms of bright golden yellow, centered by a disc of satiny maroon. 2 ft. Per 100, \$15.00.

Goblin, Dwarf. A true dwarf Gaillardia which deserves a place in every garden. Grows 12 to 15 inches high in very compact shape. Foliage practically disappears under the mass of large deep red and gold blooms. Per 100, \$15.00.

HELIANTHEMUM (Hardy Sun Rose)

No plant is more beautiful or colorful for the rock garden, border or wherever a very low-growing plant is desired. Their multitude of brilliant colors and blooms attract attention and add charm wherever used. Glossy green foliage forms a beautiful background for the flowers.

Mutabilis, Mixed. Beautiful hybrids of rose, white and yellow. Plants grow 6 to 10 inches high; bloom during May and June. Per 100, \$12.50.

HIBISCUS (Giant Mallow)

Unequaled for tall backgrounds or for specimen plants. Their large-leaved, ornamental foliage is very desirable in the border. Tall erect canes bear large, bell-shaped flowers often measuring 7 or 8 inches across. Plants are easily grown and very hardy; attain a height of 4 feet. Bloom during August.

Mallow Marvel, Pink. Per 100, \$12.00.

Mallow Marvel, Jumbo Red. Per 100, \$12.50.

HELIOPSIS (Hardy Zinnia)

Outstanding for their hardiness and fine color. Plants are of compact growing habit with strong, straight stems. Very free flowering; valuable for cutting.

Lemoine's Giant. Large, double blooms of golden yellow color. Flower from July until frost; plants grow 2 to 3 feet tall. Per 100, \$18.00.

HOLLYHOCKS

No flower has more sentiment or is more closely associated with our memories than hollyhock. We have selected the outstanding variety listed below as being the best for our customers and we know you will be pleased when they bloom. May-June. 5 ft.

Double Varieties. Lilac; Orange Prince; Yellow; Colorado Sunset; Supreme Imperator, Per 100, \$14.00.

Newport Pink. Rich, shimmering pink blooms on tall stems. Per 100, \$14.00.

Scarlet Beauty. Brilliant scarlet color for bold backgrounds. Per 100, \$14.00.

Mixed Shades. Per 100, \$14.00.

IBERIS (Perennial Candytuft)

Dwarf evergreen plants, 6 to 10 in. Covered with blooms in spring and early summer. Seeds germinate in 8 days

Gibraltarica. Pinkish white. Per 100, \$16.00.

Sempervirens. Sheet of white. Per 100, \$16.00.

LOBELIA (Cardinal Flower)

Cardinalis. Often called "Indian Fire Stick." Plant is of dwarf growth habit but each summer sends up 18 to 24 inch stems from a rounded clump of foliage, each stem topped with an 8 to 10 inch spike of brightest Cardinal Red bloom. Very good for mass planting; fine for cutting; hardy and prolific. Per 100, \$12.00.

PACHYSANDRA

Terminalis. 2¼ in. pots. Per 100,

PHYSALIS (Chinese Lanterns)

An attractive perennial noted for its large, showy, lantern-shaped fruits which turn a bright red when ripe. Especially desirable for drying for winter decoration. Per 100, \$14.00.

PLATYCODON (Balloon Flower)

Early Giant Blue. Large flowering and extra rich in color. One of the most showy and unique of garden flowers. Odd balloon-like buds open into bell shaped blooms. Very hardy and will grow under adverse conditions. Grows 2 feet high. Per 100, \$12.00.

POLYGONATUM

Multiflorum. Per 100, \$18.00.

PYRETHRUM (Painted Daisies)

No other perennial flower seems to have the general usefulness, beauty, color, hardiness and easy culture that belongs to these gorgeous flowers. Foliage is fernlike and ornamental. Stems are strong and erect. Plants transplant easily and each one produces a liberal number of blooms during the season.

Robinson's Mixed. Finest strain of painted daisies, in mixed colors. A really great new strain. We think so much of it that we have discontinued growing any of the others. Per 100, \$18.00.



HARDY PHLOX

Field Grown HARDY PHLOX

BEST OF AMERICA'S FAVORITE VARIETIES
COLORFUL NEW INTRODUCTIONS
WILL BLOOM THIS SUMMER

These are one-year well rooted field grown plants. The best size for transplanting.

Border Queen. A somewhat low-growing variety which carries massive flower heads of deep watermelon pink. Individual florets are unusually large. Per 100, \$18.00.

Charles Curtis. Brilliant cherry red. Very showy. Per 100, \$18.00.

Daily Sketch. One of the best introductions of recent years. Immense flowers of light salmon pink with carmine eye. Per 100, \$18.00.

Ethel Pritchard. Soft lavender which blends well with other colors. Per 100, \$18.00.

Fairy King. Large rounded heads of soft lavender. Resistant to disease. Per 100, \$18.00.

George Stipp. A truly outstanding Phlox of glowing salmon-coral with shaded lighter eye. Per 100, \$18.00.

Harvest Fire. Striking salmon-orange shade. Flower heads are extra large, carried on tall strong stems. Per 100, \$18.00.

Irene. One of the best easy growing cherry red phlox. Medium height with bronzy green foliage. Per 100, \$18.00.

Leo Schlageter. One of the brightest and flashiest of all red Phlox. Sturdy grower; very free flowering. Per 100, \$18.00.

Pink Charm. Bright pink with scarlet sheen. Per 100, \$18.00.

RUDBECKIA (Cone Flower)

For tall backgrounds in the hardy perennial border these plants are indispensable.

Purplea. The best known Rudbeckia. Rosy reddish purple petals with high cone-shaped center of dark brown. Three to four foot stems are rugged and withstand high winds. Blooms from July until frost. Per 100, \$14.00.

SCABIOSA

(Pincushion Flower) Caucasic Perfecta. Do well in any ordinary garden soil. Stems 18 to 24 inches long topped by charming flowers in a soft lilac lavender shade. In bloom from June to September. Per 100, \$16.00.

SHASTA DAISY

One of the most widely known and used of all the hardy perennials. Constant improvements and the introduction of new strains have made them one of the most beautiful and sure-to-grow plants that you can have in your garden. Always showy in mass plantings and equally desirable as cut flowers.

Alaska. The best known variety. Improvements in the strain now results in longer, stronger stems and larger flowers. They are exceptionally free flowering, producing blooms of large size with large golden centers, all through the summer and fall. Grows about 2½ feet tall. Very vigorous. Per 100, \$12.00.

Diener's Double Fringed White. Tall growing with strong stems and immense white blooms which are nearly all double with a very attractive fringed edge. Per 100, \$16.00.

Greenhouse Plant Department



CARNATION

AFRICAN VIOLETS

Saintpaulia

	Per 100
DuPont Lavender Pink, 2 1/4"	\$30.00
DuPont Blue, 2 1/4"	30.00
Double Duchess, 2 1/4"	25.00
Red Head, 2 1/4"	25.00
Periwinkle, 2 1/4"	25.00
Pink Beauty, 2 1/4"	25.00
Double Neptune, 3"	60.00
Lady Geneva, 3"	60.00
Pink Girl, 3"	60.00
Bi-Color, 3"	60.00
Show Girl, 3"	60.00
Violet Beauty, 3"	60.00

AZALEAS FOR GROWING ON SPRING 1952

Azalea sales have been increasing rapidly for the past several years. We are now prepared to accept additional orders for the coming season. We have always considered our "growing on" stock the finest grown. By trimming more often our plants are short, stocky and well shaped and with peat growing the plants have a compact root ball which transplants easily without shock or set-back, also insuring light delivery.

Kurume and Pericat VARIETIES AVAILABLE

Coral Bells, Hexe, Hinodegiri, Snow, Fortune, Pinocchio, Pink Supreme, Sweetheart Supreme, Pink Pearl, Md. Pericat, Gardenia Supreme.

Rooted Cuttings	\$ 50.00 per 1000
Transplants—	
heavy	150.00 per 1000
3 to 5 in.	25.00 per 100
4 to 6 in.	35.00 per 100
6 to 8 in.	60.00 per 100
8 to 10 in.	80.00 per 100

Single Indicas (Priced as above)

Concinna, Elegans, Fielders White, Formosa, Pride of Dorking, McCrantha Pink, Pride of Mobile

SPECIAL—Many Florists have some room in their greenhouses for Azaleas in January and February. We are able to offer this year especially nice well branched plants in Coral Bells, Hexe, Hinodegiri, Snow, Fortune, Sweetheart Supreme, Pink Supreme and Gardenia Supreme at \$100.00 per 1000.

Belgian Indicas—Own-Root VARIETIES AVAILABLE

Albert & Elizabeth, Eclairer, Hexe de Saffelare, Jean Haerens, Triomphe, Vervaneana and Vervaneana Alba

Rooted Cuttings	\$ 75.00 per 1000
Transplants	150.00 per 1000
3 to 5 in.	30.00 per 100
4 to 6 in.	50.00 per 100
6 to 8 in.	75.00 per 100

GRAFTED BELGIAN INDICAS—Jean Haerens, Rubis, Albert & Elizabeth, Eclairer, Niobe Triomphe; also Christmas flowering varieties—5 to 7 in.—@ 75c each.

All varieties and sizes quoted are subject to prior sale. No packing charges. Add 10% when ordering less than 100 of any one variety.

AGERATUM

No RC orders less than 250

Cardinal Mundelein. Dwarf. Rooted Cuttings	\$2.25	\$20.00
Riverside Imp. Dwarf, large head of bloom. Rooted Cuttings	2.25	20.00
Purple Beauty. Dwarf. Rooted Cuttings	2.25	20.00
2 1/4 in. on all the above	6.00	55.00

(500 at 1,000 rate)

ASPARAGUS Plumosus Nanus or Sprengeri

Seedlings	100	1.00
2 1/4-inch	\$ 3.00	\$28.00
	10.00	95.00

CARNATIONS—ROOTED CUTTINGS

WHITE	Price Per		RED	Price Per	
	100	1,000		100	1,000
Mercury	\$15.00	\$125.00	C. W. Weld	\$12.00	\$100.00
Northland	12.00	100.00	Crimson Sphynx	20.00	150.00
Olivette	10.00	90.00	Jumbo Cardinal R.	15.00	125.00
Shangri-La	15.00	125.00	No. 14 Crimson	15.00	125.00
White Sim P.	20.00	150.00	No. 16 Red	15.00	125.00
LIGHT PINK			Papa Red Bird R.	20.00	150.00
Hercules Virginia	15.00	125.00	Red Beauty R.	20.00	150.00
Netta	15.00	125.00	Seth Parker P.	20.00	150.00
Pink Sim R.	20.00	150.00	Tom Knipe P.	20.00	150.00
Portland Pink R.	20.00	150.00	Topper R.	22.00	180.00
Princess Elizabeth	20.00	150.00	Victory Red	12.00	100.00
Princess Irene	15.00	125.00	Wm. Sim P.	20.00	150.00
Regal Pink R.	20.00	150.00			
Virginia	10.00	90.00			
Virginia Supreme	12.00	100.00			

SALMON PINK

Excellence R.	25.00	200.00
Janie R.	22.00	180.00
Lexington R.	20.00	150.00
Salmon Virginia	10.00	90.00

MEDIUM PINK

Citation R.	20.00	150.00
Peter Fisher	10.00	90.00
Pink Lady R.	20.00	150.00
Pink Mercury	15.00	125.00
Rosalie	20.00	150.00
Spicy Rose	20.00	150.00
Virginia Irwin	15.00	125.00
Virginia Rose	10.00	90.00

DARK PINK

Dk. Pink Virginia	15.00	125.00
Kentucky R.	20.00	150.00
Sidney Littlefield R.	20.00	150.00
Virginia Miller	12.00	100.00
Waltham Pink R.	20.00	150.00

MISCELLANEOUS

Baby Bronze R.	20.00	150.00
Barbara Brigham	10.00	90.00
Bing Crosby R.	20.00	150.00
Butterscotch R.	20.00	150.00
Frosted Pat	10.00	90.00
Harlequin	15.00	125.00
Mary Stuart	20.00	150.00
Millers Yellow	12.00	100.00
Mrs. Bradford R.	20.00	150.00
Mrs. E. F. Guba R.	20.00	150.00
Olmsted Orange P.	12.00	100.00
Pattens Yellow R.	20.00	150.00
Pelargonium	15.00	125.00
Raspberry Ice R.	20.00	150.00
Reina	15.00	125.00
Sarah Jane Knipe P.	20.00	150.00
Scarlet King	15.00	125.00
Sphynx	20.00	150.00
Starlite	15.00	125.00
Symphony P.	20.00	150.00
Valentine R.	20.00	150.00

P.—Patented R.—Restricted.

MINIMUM ORDER 100 CUTTINGS OF ONE VARIETY

250 At The 1,000 Rate

Sorry we can accept no orders specifying delivery date. All orders will be shipped in rotation, in the order in which they are received.

DISEASE-FREE CARNATION ROOTED CUTTINGS

Rooted cuttings of 14 varieties of Carnations, taken from isolated Mother Stocks grown from seed, and maintained under every protection from disease that modern science affords, will be available in early 1952.

So far as human agency can insure, these cuttings will come to you free from any virus, bacterial or fungous disease; and they will give the careful grower a clean start. By continuing the programme of protection, they should be made to yield superior results.

This is an important step forward toward the goal of eliminating the diseases that plague carnation growers, and if results prove its effectiveness, it offers a solution of that problem, but it should be understood that disease-free are not necessarily disease-resistant, or immune, and should not be subjected to unsanitary treatment or handling. They require the same precautionary methods which are necessary in handling ordinary commercial stocks or varieties.

Our price schedule for 1952 is as follows:

50 of a variety	Per 100
100-250	\$18.00
250-500	17.10
500-1000	16.20
1000-2500	15.30
2500 Up	14.40

1. **Apollo** (No. 293). Should become the leading salmon-pink. Grows well everywhere, a good summer flower, larger than Netta.
2. **Aphrodite** (No. 66). The clear light pink retailers demand; outer petals bleach slightly late spring and early fall. Needs plenty of light to do its best.
3. **Diana** (No. 362). A high producing light pink similar to the Fischer varieties.
4. **Venus** (No. 366). A show variety with superlative salmon-pink flowers on long stems. Not too heavy a producer.
5. **Jupiter** (No. 417). A large white that will compete with Northland. Exceptionally good in the Middle West.
6. **Aurora** (No. 684). A large white, best in late spring and early fall. Production somewhat limited.
7. **Adonis** (No. 33). A good winter production white.
8. **Midus** (No. 443). A substitute for Miller's yellow with excellent production.
9. **Nierva** (No. 262). Unusual deep scarlet-pink. May fade with high light intensity, but does so uniformly. Heavy break-back. Good keeper.
10. **Ceres** (No. 51). Fair size December to May; small the rest of the year. Beautiful King. Cardinal color and really high production. Early, with a heavy comeback.
11. **Neptune** (No. 225). A scarlet like Wm. Sim. Free breaker, fine stretch; a very satisfactory variety.
12. **Vulcan** (No. 688). A fine crimson or maroon flower. Excellent keeper, good comeback. Should supersede all others in this class.
13. **Saturn** (No. 317). Novelty warm bronze variegated; color striking under artificial light.
14. **Orion** (No. 518). Color like Glowing Ember; excellent grower and producer.

Greenhouse Plant Department—Continued

BEGONIAS Standard Varieties, 2 1/4-inch.....	100	1,000
	\$10.00	\$95.00

CHRISTMAS BEGONIAS

Lady Mac, Marjorie Gibbs and Melior, 2 1/4-inch.....	36.00	.....
Lady Mac, Marjorie Gibbs and Melior, 3-inch.....	50.00	.....
COLEUS. Standard varieties, 2 1/4 inches.....	6.00	55.00
(500 at 1,000 rate on all of above)		
CYCLAMEN. Standard Varieties, 3 inch.....	35.00	335.00
CALCEOLARIA. Seedling Type, Multiflora Nana and Triumph.....	100	1,000
Grown from Cuttings, Mary Louise, Pure Flame, Stewartii, Rosacker's Brilliant, Golden Talisman and Cherry Queen	20.00	.....
CINERARIAS. Cremer's Prize Mixture and Siter's Strain, 2 1/4-inch.....	10.00	\$95.00
DAISIES. Yellow, rooted cuttings.....	4.00	37.50
Nicholson's White, rooted cuttings.....	4.00	37.50
2 1/4 in. size on both of above.....	9.00	85.00
FUCHSIAS. Black Prince, Dwarf Double Purple, Little Beauty, 2 1/4 inch.....	10.00	100.00

DECORATIVE PLANTS

	Per 10	Per 100
Aralia Elegantissima, 3", ready Nov. 1st.....	\$12.50	\$100.00
Aralia Seiboldi, 2 1/4".....	2.00	15.00
Araucaria (Norfolk Island Pine), 4".....	25.00	
Chinese Evergreen, 2 1/4".....	3.00	25.00
Chinese Evergreen, 2 1/2".....	4.00	35.00
Crotons, large leaf varieties, 2 1/4".....	3.50	30.00
Crotons, large leaf varieties, 3".....	6.00	50.00
Dieffenbachia Braziliensis, 2 1/2".....	3.50	30.00
Dracena Sanderiana, 2 1/4".....	3.00	25.00
Dracena Sanderiana, 3".....	4.75	40.00
Dracena Godsefiana, 2 1/4".....	3.00	25.00
Hoya Carnosa Variegata, 2 1/4".....	4.00	35.00
Ivy Hahn's New Variegated, 2 1/4".....	3.00	25.00
Ivy Large Leaf Variegated, 2 1/4".....	2.50	20.00
Ivy Self Branching, 2 1/4".....	1.40	10.00
Ivy Self Branching, 3".....	3.00	25.00
Ivy English Broad Leaf, 2 1/4".....	1.00	8.00
Ivy Grape (Vitis Rhombifolia), 2 1/4".....	1.40	11.00
Nepthytus Rutenschroer's Tri-Leaf Wonder, 2 1/2".....	3.00	25.00
Nepthytus Liberica, 2 1/4".....	1.40	10.00
Nepthytus Variegated Hybrid, 2 1/4".....	2.50	20.00
Synonymum Variegated, 2 1/4".....	2.50	20.00
Philodendron Cordatum, 2 1/4".....	2.00	15.00
Philodendron Cordatum on totem poles, 7" pots.....	25.00	
Philodendron Dubia, 5".....	15.00	
Philodendron Hybrids, 2 1/4".....	3.00	25.00
Philodendron Hybrids, 4".....	7.50	
Pothos Wilcoxii, 2 1/4".....	2.00	15.00
Pothos Aurea, 2 1/4".....	2.00	15.00
Pothos Marble Queen, 2 1/4".....	4.00	35.00
Peperomia, Obtusifolia, 2 1/4".....	1.40	10.00
Peperomia Obtusifolia Variegated, 2 1/4".....	2.00	17.50
Peperomia Pericata, 2 1/4".....	2.00	15.00
Peperomia Sandersii, 2 1/4".....	2.50	20.00
Peperomia Scandes, 2 1/4".....	1.40	10.00
Rhoeo discolor (Moses in the Bulrushes), 2 1/2".....	3.00	25.00
Sansevieria Laurenti, 3".....	4.75	40.00
Sansevieria Laurenti, made up plants, 6".....	15.00	
Sansevieria Zeylanica, 2 1/4".....	1.40	10.00
Sansevieria Hahnii (rosette), 2 1/4".....	2.00	15.00

The purchase of 25 of a variety earns the one hundred rate.

HYDRANGEAS—Pot Grown

Fall delivery, 1952, f.o.b. Shipping Point. Short heavy canes. Grown and cured right for early forcing. Altona, Europa, Hamburg, Gertrude Glahn, Kuhnert, Regula, Merveille and Strafford. Each	
Single cane, 4 inch.....	\$0.35
Two cane, 5 inch.....	.50
Three cane, 5 inch.....	.65
Four cane, 5 inch.....	.80
Larger plants at.....	\$1.00 and 1.25

ALL PRICES PER 100 PLANTS ON THE FOLLOWING:

NEW INTRODUCTIONS

Charm, Charming, Dixie, Drapes Pink, Dundalk, Rose Supreme, Southland, Spring Time, "joan merritt", R. C. \$25.00; 2-in., \$35.00; 3-in., \$50.00; 4-in., \$60.00; 5-in., \$70.00; 6-in., \$90.00; 7-in., \$150.00; 8-in., \$300.00.

NOVELTIES

"bobby merritt", "jean merritt", Caprice, Engel's White, Strafford. R. C., \$16.00; 2-in., \$25.00; 3-in., \$30.00; 4-in., \$50.00; 5-in., \$60.00; 6-in., \$80.00; 7-in., \$125.00; 8-in., \$250.00.

RECENT INTRODUCTIONS

Altona, Europa, Hamburg, Kuhnert, Merveille, Regula, Rosabelle. R. C., \$14.00; 2-in., \$20.00; 3-in., \$25.00; 4-in., \$45.00; 5-in., \$55.00; 6-in., \$80.00; 7-in., \$100.00; 8-in., \$250.00.

STANDARD VARIETIES

Gertrude Glahn, Niedersachsen. R. C. \$8.00; 2-in., \$12.00; 3-in., \$20.00; 4-in., \$40.00; 5-in., \$50.00; 6-in., \$75.00; 7-in., \$90.00; 8-in., \$200.00.

OUR SELECTION OF VARIETIES

Billed according to varieties shipped

Order rooted cuttings and 2-in. Hydrangeas now, for Spring Delivery 1952

GERANIUMS

Better Times, Imp. Mme. Landry, Irvington Beauty, Per 25	
Brooks Red, Olympic, Pink Fiat, Red Fiat, Ricard, Wyona, Radio Red, Lorelei, Poitevine, Buchner	100
2 1/4 in.	\$5.00 \$12.50



HYDRANGEAS

LANTANAS. All the best colors 2 1/4 ins.....	100	1,000
PETUNIA. Colossal double, pink shades, 2 1/4 in.....	\$9.00	\$85.00
	10.00	95.00

PELARGONIUMS

Azalea	Lavender Queen	Mrs. Mary Bard
Edith North	Mrs. Laval	Giant Venus
Orchid Edith North	Marie Vogel	Mrs. F. Bachler
Springtime	Grossmama Fischer	Pink Vogel
Easter Greeting	Salmon Springtime	Edith Cavell
Lucy Becker	Santa Monica	MacKay No. 2
German Glory	Ruth W. McAfee	MacKay No. 10
Gardener's Joy	Beverly Hills	MacKay No. 12

Size	Per Dozen	Per 100	Per 1,000
2 1/4 inch.....	\$2.90	\$20.00	\$190.00
3 inch.....	3.70	27.00	260.00

PRIMULA

Malacoides seedlings.....	100	1,000
Malacoides 2 1/4 in.....	\$ 5.00	\$47.50
Obconica 2 1/4 in.....	10.00	95.00
	10.00	95.00

VERBENA. Schlosser's Pride, Schlosser's Rose, Scarlet King, Mayflower, Helen Wilmott, Royal Purple, Beauty of Oxford, cerise, Beauty of Oxford, pink, Beauty of Oxford, scarlet, Beauty of Oxford, lavender, Gigantea Alba.

Rooted Cuttings.....	3.00	27.50
2 1/4 inches.....	6.50	60.00

(500 at 1,000 rate.)

POINSETTIA STOCK-PLANT PRICE LIST FOR 1952

BARBARA ECKE SUPREME. Patented variety sold under patent restrictions. Superior to all other poinsettias on the market and will definitely be the leading pot-plant variety. Because of the limited supply of larger sizes we reserve the right to prorate this variety if necessary.

No. 1.....	100	No. 3.....	100
No. 2.....	\$150.00	No. 4.....	\$90.00
	120.00		60.00

IMPROVED ALBERT ECKE VARIETY. This is an improved selection of the Albert Ecke, having somewhat brighter and larger bracts, and is the outstanding commercial poinsettia. All plants in the pan make perfect bracts. This type has been thoroughly tested and will give the most satisfactory results.

Jumbo.....	100	No. 2.....	100
No. 1.....	\$120.00	No. 3.....	\$80.00
	100.00	No. 4.....	60.00
		No. 5.....	40.00

INDIANAPOLIS RED. A very fine short, slow-growing variety, with wide petals. It takes more time for the Stock Plants to break and longer for the cuttings to root than any other variety. However, cuttings can be taken from one to two weeks later and still make perfect bracts.

Jumbo.....	100	No. 3.....	100
No. 1.....	\$150.00	No. 4.....	\$60.00
No. 2.....	120.00		40.00
	90.00	No. 5.....	30.00

ALBERT ECKE. The leading commercial variety grown by the best Pot Plant Growers in the most competitive areas.

ECKE'S WHITE. Gaining in popularity annually. Produces clear white bracts as large as the Oak Leaf, and matures at the same time. Exceptionally fine for specimen plants and for mixed pans of red and white together.

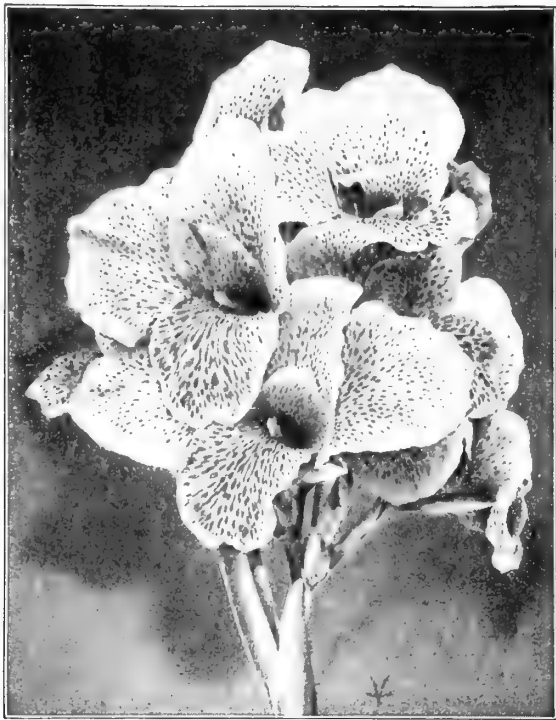
Jumbo.....	100	No. 3.....	100
No. 1.....	\$100.00	No. 4.....	\$50.00
No. 2.....	80.00		35.00
	60.00	No. 5.....	25.00

MRS. PAUL ECKE, OAK LEAF, RUTH ECKE, DOUBLE HENRIETTE ECKE, PINK AND ST. LOUIS

Jumbo.....	100	No. 3.....	100
No. 1.....	\$100.00	No. 4.....	\$35.00
No. 2.....	75.00		25.00
	50.00		

The above prices are F.O.B. Eastern Cities, C/O Forwarding Agency, on orders PLACED NOW for April 1952 delivery. ON ORDERS PLACED AFTER JANUARY 1st, A TEN PERCENT PACKING CHARGE WILL BE MADE.

VINCA. Variegata 2 1/4 in.....	\$10.00	\$95.00
--------------------------------	---------	---------



CANNA Yellow King Humbert

CANNAS

Dormant Roots ready for February 1st, 1952.

City of Portland. 3½ ft. Compact, luxuriant, dwarf growth. Leaves green. Flowers rosy pink.	100	1,000
Dorothy S. A new dwarf, continuous flowering, clear salmon red canna. A sport of President. Produces large flowers and grows 4 ft. tall. Very vigorous and drought-resistant.	\$6.00	\$55.00
King Humbert. 4 ft. scarlet flowers, bronze leaves, greatest favorite today.	8.00	70.00
Yellow King Humbert. 4 ft. An orchid flowering sport of the well known variety King Humbert.	6.00	55.00
The President. 4 ft. In color a rich glowing scarlet with immense rounded flowers 7" across when fully open, produced on strong, erect stems well above the large green foliage. ...	6.00	55.00
Hungaria. 3½ ft. Very compact, almost dwarf, and of luxuriant growth. Leaves bluish green, never burn. Flowers LaFrance pink.	6.00	55.00

CALADIUMS

Vaughan's Special Fancy-Leaved

CALADIUMS are easily grown but should not be put in a Carnation temperature. Start the bulbs in flats, turning them upside down, since this is a crown-rooting bulb and the roots come out around the top (center) eye. This direct contact with the growing medium produces roots more quickly than the opposite method. Use a mixture of one part leaf-mold, one part good garden loam, and one part peat moss or other coarse neutral material, throwing in a small amount of coarse charcoal or other rubble for drainage. Press the bulb halfway into the soil and place the flats under a bench. The flats can also be placed on top of the flows, but if this is done, they should be shaded. The temperature should be 80 to 85 degrees or higher, as the higher the temperature, the better starting results you will have. Be careful that the flats do not dry out if placed either on the flows or returns. Water sparingly until the bulbs begin to sprout and have roots 4 to 6 inches long. When the sprouts begin to show, place the bulbs in 5 or 6-inch pots, using a good rich leaf-mold. Water copiously when in full growth and use weak liquid manure once weekly if possible.

NAMED VARIETIES OR ASSORTED

	Doz.	100	1,000
No. 2 Size 1 inch - 1½ inch.	\$2.50	\$14.00	\$135.00
No. 1 Size 1½ inch - 2½ inch.	3.00	24.00	225.00
Jumbo 2½ inch - 3½ inch.	4.00	32.00	300.00
Mammoth 3½ inch and Up.	6.00	47.50	450.00

Ask for quotation on Perennials, Achyranthus, Dusty Miller, Ferns, Cactus, Dish Garden Plants, Snapdragon, Poinsettia 2¼" Foliage Plants, and other items not listed herein.

Prices are F.O.B. Shipping Point.
We assume no transportation risk after shipping in good order. Should goods arrive in bad order, we would suggest that they be accepted under protest, and complaint filed against carrier.
Soft plants are not shipped to distant points by freight.
Billing—50 of any one variety at the 100 rate; 250 at the 1000 rate, except as noted. Packing will be charged on all orders at cost.
No C. O. D. Shipments.

All Prices Subject To Change Without Notice.



DAHLIA

DAHLIAS

In Vaughan's Gardening Illustrated are listed a number of newer varieties that are not listed in this catalogue. If interested in getting any of these, the trade is offered a discount of 25% on all varieties listed in Vaughan's Gardening Illustrated. This does not apply to any Special Offers listed therein; on these we offer a discount of 15%.

In the following list we offer varieties that we can supply in tubers of suitable size for planting. We advise early ordering to prevent disappointment in case the variety selected should be sold out.

KEY TO ABBREVIATIONS. F.D., Formal Decorative; I.D., Informal Decorative; S.C., Semi-Cactus; Str.C., Straight Cactus.
*—Good cut flower varieties.

	10	100
*AVALON. (I.D.) Clear yellow. Large flowers on long stems.	\$2.50	\$20.00
CALIFORNIA IDOL. (I.D.) A large clear yellow with good stems.	4.00	35.00
CLARA CARDER. (I.D.) Large blooms of vivid pink.	4.00	35.00
*COMMANDO. (F.D.) A blue lavender. Heavy bush with strong stem.	3.00	25.00
GALLANT FOX. (F.D.) A commercial red. Its keeping quality, ties, sturdy stem and fine color make it a valuable sort.	2.30	18.00
JANE COWL. (I.D.) A large flower of a warm buff and old * gold blending to a bright salmon at the center.	3.00	25.00
JERSEY'S BEAUTY. (F.D.) A fine true pink of perfect form and fine stem.	2.50	20.00
JERSEY'S DAINTY. (Str.C.) Fine formed white of medium size with fine stems.	3.00	25.00
*MARSHALL'S PINK. (F.D.) Mellow pink. Good cut flower with fine stems.	3.00	25.00
MICHIGAN WHITE. (S.C.) Medium well formed white on long strong stems.	3.00	25.00
MRS. GEO. LE BOUTILLIER. (I.D.) A rich velvety carmine * giant in size and outstanding in all respects.	2.50	20.00
MRS. I. de VER WARNER. (F.D.) Large flowers of deep * mauve-pink. Can be grown to a diameter of 11 inches.	2.50	20.00
ROSE GLORY. (F.D.) Pure deep rose-pink. Free and early bloomer with good stems.	3.00	25.00
WATCHUNG GIANT. (I.D.) A large Yellow Gold variety that has the qualities of a good Dahlia. Strong grower. Strong stems, fine shape, free bloomer and good root maker.	2.50	20.00
WHITE KING. (F.D.) A pure white large-flowering Dahlia of * fine form and substance with strong stems.	2.30	18.00
WHITE WONDER. (I.D.) A truly white Fort Monmouth. The * giant blooms are pure white with long twisted and curled petals.	3.00	25.00

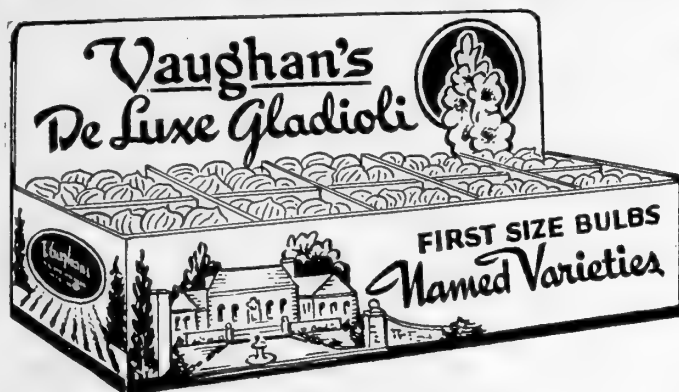
MINATURE DAHLIAS

	10	100
ANITA. (F.D.) Pure White.	\$2.50	\$20.00
BABY SAGAMORE. (F.D.) Golden Yellow.	3.00	25.00
BISHOP OF DANDORF. (F.D.) Bright Scarlet with garnet center. Foliage, reddish bronze.	2.50	20.00
IKE. (F.D.) Rich red with heavy stems.	2.50	20.00
LILLY BELLE. (F.D.) Apple Blossom Pink.	3.00	25.00
ROXANA. (F.D.) Rich purple.	3.00	25.00

POMPON DAHLIAS

	\$2.50	\$20.00
CLARISE. Bright Orange.	2.50	20.00
EDITH MUELLER. Golden Orange tipped salmon red.	2.30	18.00
JOE FETTE. Pure White.	2.30	18.00
JOHNNY PIPPINS. Fine dark red.	2.30	18.00
LITTLE HERMAN. Fine red and white.	2.30	18.00
MORNING MIST. Lavender.	2.30	18.00
ROSA WILMOUTH. Light rose pink.	2.30	18.00
YELLOW GEM. Leading gold yellow.	2.30	18.00

500 1st Size Glads, 10 Named Varieties, and Display Box



\$14⁵⁰

Retails for \$29.00

Gladiolus Display Box Holding 500 1st Size Bulbs, 50 each of 10 Named Varieties

F. O. B. Chicago or New York

VAUGHAN'S GLADIOLI are famous. For years they have been nationally advertised. You have only to put this box on your counter to sell out quickly.

We use **FIRST SIZE BULBS**, the size which sells best over the counter. The 10 named varieties (50 each) of good named varieties. The price to you is \$14.50 for the box and 500 bulbs of 10 named varieties. You retail them for 75c a dozen, or more, because the selection is worth more, doubling your money. Each variety is packed 50 in a bag labeled with its name. You empty one bag into a compartment, and refill in the same manner when it is empty. This prevents mixtures and loss of bulbs. After the display box and first collection have been bought, refill orders will be accepted for \$14.00 for 500 bulbs, 50 each of 10 varieties, in bags of 50; or \$27.00 for 1,000 bulbs, 100 each of ten varieties. Colored pictures are provided to paste on the compartments. This box keeps the bulbs in the open air, thus preventing bacterial rot which comes when they are sealed in cartons. The named varieties are kept apart without mixing, which adds greatly to their value. Varieties Subject to Change Without Notice.

Sell Vaughan's Famous Rainbow Garden of Gladioli (56 No. 3 bulbs)

VARIETIES SUBJECT TO CHANGE AFTER APRIL 15th.

Each, \$1.50; 10 for \$14.00; 20 for \$27.00; Prepaid 600 Miles.

Retailing at \$2.00, this is an unexcelled leader. It includes 56 bulbs, 8 each of the following varieties, each separately bagged and labeled: Margaret Beaton, huge white orange-scarlet blotch; Picardy, pink; Spotlight, deep rich yellow red throat; Red Charm, medium red; Elizabeth The Queen, giant ruffled lavender; Ethel Cave Cole, delicate pink; Miss Wisconsin, rose pink.

BOOKS FOR FLORISTS

All Books Postpaid

THE RETAIL FLORIST. By John H. Liesveld. If you own a flower shop or hope to some day, if you are a teacher or student of flower design or floriculture, here is the guidance and information you have been looking for. John Liesveld, who has in recent years established his own highly successful flower shop, tells you exactly what steps should be taken in all phases of the business. In addition to his own first-hand experience, he has contributed to this volume a wealth of information gleaned from other members of the profession. 393 pages with illustrations. Price.....\$5.00

FLORIST CROP PRODUCTION and MARKETING. The application of scientific Facts to the Production and Marketing of Florist Cut Flowers, Potted Plants and Bulbs Grown in the Greenhouse or in the Field. By Kenneth Post.

This book gives the practical application of science to the production and marketing of cutflowers, potted plants and bulbs grown in the greenhouse, clothouse, under lath or in the field. A complete guide and reference book for the commercial producer of Florist Crops. It is a well organized and complete text for a formal course in the growing and marketing of Florist Crops and a ready reference for the Floricultural scientist. 891 pages. Illustrated.....\$10.00

HOW TO LANDSCAPE YOUR GROUNDS. By Loyal R. Johnson. For the benefit of the hundreds of thousands of home builders and owners in the medium income bracket who are anxious to beautify their home surroundings to the best advantage at small expense. Not to be found in any other landscape book are its planting plans covering practically every section of the country—from Massachusetts to Florida and Louisiana, and from the Middle West to California—together with its extensive Select Lists of Shrubs, Trees and Vines. A complete guide to the planning, construction and planting of the garden and grounds. 232 pages. 147 Illustrations.....\$3.50

THE NEW BOOK OF LILIES. By Jan De Graaff. Here is an authentic and delightful book on one of the loveliest flowers that grows, the fragrant and stately lily. Where lilies come from is part of the story, with every important fact of origin and culture given for more than 200 varieties. Of special interest to every amateur, and also to every commercial grower, are the fascinating chapters on How Lilies Multiply and How New Kinds Are Made. The author, internationally famous as a lily expert, gives a brilliant account of his own work—how he developed certain super lilies, how he propagates them—which is filled with information for every serious enthusiast.

176 pages handsomely illustrated with 17 natural-color photographs and 12 pages of drawings. Price.....\$3.50

PROPAGATION OF PLANTS. By Kains and McQuesten. A complete guide for professional and amateur growers of plants by seeds, layers, grafting and budding, with chapters on nursery and greenhouse management.

In direct, simple language it discusses all phases of the subject, explains technical and scientific terms and tells clearly the how and why of all processes. 569 pages.....\$4.50

THE COMPLETE BOOK OF GARDEN MAGIC. By Roy E. Biles. This book will help you enjoy to the fullest the thrills of successful gardening. Imagine the satisfaction of having growing, blooming plants and flowers when the bleak outside world is in the grip of cold and ice and snow. Amaze your friends with the miracle of soilless gardening. Whichever type of gardening you like, this book will help you to do it more successfully, more enjoyably.

320 Pages—17 full Color Illustrations—Hundreds of Line Drawings.....\$3.95

Summer Flowering Bulbs

FOR WHOLESALE
TRADE ONLY

ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE



AMARYLLIS

Large Flowering Hybrids

One of the finest strains of Amaryllis we have ever seen, raised by eminent growers whose stock and hybridization for many years we have purchased in its entirety. Flowers are immense, borne as a rule four to a stem, in an amazing and beautiful range of colors, blended, splashed and striped in a manner not seen in other strains.

	Doz.	100	1000
2 1/4-2 1/2 inch.....	\$2.10	\$16.00	.....
2 1/2-2 3/4 inch.....	2.50	18.00	.....
2 3/4-3 inch.....	3.50	25.00	.....

ACHIMENES

This is closely related to the gloxinia. Plant 6 to 7 bulbs in a 5-inch pot, or 9 to 10 in a 6-inch pot. The soil used for potting should be rich in humus and of an open, porous nature, allowing perfect drainage. A good mixture to use is equal parts of loam, leaf mold and sand. About one-third of the depth of the pots or pans should be occupied with drainage. After the young growth appears, great care should be taken to keep the soil moist, for a single severe drying will ruin the plant. Blooming time 8 to 10 weeks after planting. Mixed. Per 100, \$9.00; per 1,000, \$80.00.

BEGONIAS

Tuberous-Rooted

Every florist should grow some of these bulbs, as they make showy plants that find ready sales in the spring and summer. Use 4-inch pots and shift later to 5 and 6-inch pots if larger plants are wanted. A compost of one part rotted cow manure to two parts loam and one part leaf mold will give good results. Water sparingly until growth is started. They like a 55-58 degree temperature at night.

	Belgium Grown			California Grown		
	Doz.	100	1000	Doz.	100	1000
Double Camellia-flowered, Separate Colors:						
Small size.....	\$1.10	\$ 7.00	\$ 60.00	\$1.50	\$10.00	\$ 90.00
Medium size.....	1.75	11.00	100.00	2.10	14.50	135.00
Large size.....	1.95	13.50	125.00	2.85	19.50	185.00
Carnation-flowered, Separate Colors:						
Medium size.....	1.85	12.00	110.00	2.40	16.00	150.00
Large size.....	2.10	14.50	135.00	3.00	21.00	200.00
Pendula or Hanging						
Basket Type.....	.....	.....	.....	2.85	19.50	185.00

CALLAS YELLOW

	Doz.	100	1000
2-2 1/4 inch.....	\$2.70	\$18.00	\$165.00
2 1/4-3 inch.....	.....	32.00	300.00

GLOXINIAS

	Doz.	100	1000
1 1/4-1 1/2 inch.....	\$1.40	\$ 9.00	\$ 80.00
1 1/2-2 inch.....	2.50	16.00	150.00

HYACINTHUS CANDICANS

Summer Hyacinth. Perfectly hardy and of vigorous growth. Flowers are pure white and pendulous, 4 feet high.			
	Doz.	100	1000
1 1/2 to 1 3/4 inches.....	\$0.65	\$4.00	\$35.00
1 3/4 inch and up.....	.75	5.00	45.00

ISMENE CALATHINA

Peruvian Daffodil. Flowers are pure white, borne three or four on a stem, and are very fragrant. Not hardy..			
	Doz.	100	1000
	\$2.50	\$18.00	.....

LILY BULBS

FROM COLD STORAGE F. O. B. CHICAGO

We take out Lilies from cold storage only on the 1st and 15th of each month

LILIUM ALBUM (White Rubrum)

	Case
7-9 inch (250 to case).....	\$80.00

LILIUM AURATUM

8-9-inch (200 to case).....	22.50	37.00
9-11-inch (125 to case).....	40.00	40.00

LILIUM CROFT

Case Lot Only

	Case
7-8 inch (250 to case).....	\$50.00
9-10 inch (150 to case).....	70.00
10 inch and up (100 to case).....	55.00

LILIUM ESTATE

Case Lot Only

	Case
8-9 inch, 200 to case.....	\$72.00
9-10 inch, 150 to case.....	67.00
10 inch, and up 100 to case.....	55.00

LILIUM REGALE

The flowers are white, shading to yellow in the center, with a pink tinge on the outer edges. A strong grower, some 3 to 4 feet high. It is deliciously scented and its extreme hardiness makes it a valuable lily for outdoor planting.

	100	Case
6 to 7-inch, 300 to case.....	\$ 9.00	\$25.00
7 to 8-inch, 250 to case.....	12.00	27.50

LILIUM RUBRUM

7-9 inch, 250 to case.....	20.00	38.00
8-9-inch, 200 to case.....	22.50	38.00
9-11-inch, 125 to case.....	32.50	32.50
9-10 inch, 140 to case.....	30.00	32.50

MONTBRETIAS

They are highly valued for cut flowers. Our mixture contains many bright shades of yellow, salmon, orange and scarlet. They do best in a light loamy soil enriched with leaf mould and a little lime, no manure. Where the ground freezes deeply in the winter, they can be treated as gladioli. But in localities where the ground does not freeze deeply, the usual winter protection may be given, and they will multiply.

	Doz.	100	1000
Regular Mixed.....	\$0.60	\$4.00	\$35.00
Earlham Large-Flowered Hybrids. Mixed. They are a completely new race, being generally much taller and more robust in growth, and having flowers of great size and beauty, some measuring 3 to 4 inches.....			
	.80	5.50	50.00

TIGRIDIA

Shell Flower of Mexico. Few flowers are more gorgeously colored or so beautiful. Plant in sunny positions in a flower border in well-drained soil. Put a little sand under the bulb

	Doz.	100	1000
Red and Yellow shades.....	\$1.10	\$7.00	\$65.00
Mixed.....	.90	6.00	55.00

TUBEROSES

Well-Cured Bulbs

Our Bulbs are secured from dependable growers who are very careful in selecting the best Dwarf Excelsior Pearl Type.

	100	1000
Dwarf Excelsior Pearl (First size, 4 to 6 inch.....	\$7.50	\$65.00
Second size, 3 to 4 inch.....	4.00	35.00
Mexican Single.....	5.00	45.00

ZEPHYRANTHUS

One of the prettiest and most easily grown bulbs. Plant in open ground like gladiolus bulbs.

	Doz.	100	1000
Candida White.....	\$0.55	\$3.50	\$30.00
Rosea Pink.....	1.00	6.50	60.00

VAUGHAN'S GLADIOLI



ETHEL CAVE-COLE



CORONA

The crop of Gladiolus Bulbs this year is only medium as to large bulbs. There are plenty of second size. The various diseases is still cutting in heavy in some grower's stock. The demand for the larger size bulbs is already heavy, therefore we suggest that when you get this catalogue you will get your orders placed at once so we can set aside your order for delivery whenever you want from January to May 15th.

Please allow us to send good substitutes in case we are out of the variety you order.

	100	1000
ABU HASSEN. Deep Blue. First Size	\$4.50	\$40.00
Second Size.....	3.50	30.00
BEACON. Salmon-scarlet. First Size	2.50	20.00
Second Size.....	2.10	16.00
BLUE BEAUTY. Fine medium blue. First Size	3.75	32.50
Second Size.....	3.00	25.00
BURMA. Deep Rose. First Size	4.00	35.00
Second Size.....	3.50	30.00
CHAMOUNY. Tall dark rose bordered silver. First Size	3.50	30.00
Second Size.....	3.00	25.00
CORONA. New light pink with creamy-white throat. First Size	4.50	40.00
Second Size.....	4.00	35.00
DEBONAIR. La France pink. First Size	2.50	20.00
Second Size.....	2.10	16.00
EARLY ROSE. Rich rose, lighter in throat. First Size	2.75	22.50
Second Size.....	2.10	16.00
ELIZABETH THE QUEEN. Fine ruffled lavender. First Size	3.00	26.00
Second Size.....	2.75	22.50
ETHEL CAVE-COLE. New large light pink. First Size	2.75	22.50
Second Size.....	2.20	17.00
GENERAL EISENHOWER. Salmon Pink. First Size	4.25	37.50
Second Size.....	3.50	30.00
FLAMING SWORD. Scarlet, early. First Size	2.50	20.00
Second Size.....	2.10	16.00
GOLD DUST. Golden yellow. First Size	2.75	22.50
Second Size.....	2.10	16.00
JEANIE. Clear pink with white mid ribs, yellow throat. First Size	3.00	25.00
Second Size.....	2.50	20.00

	100	1000
JUNE BELLS. Pure white. First Size	\$3.25	\$27.50
Second Size.....	2.75	22.50
KING LEAR. Deep reddish purple. First Size	3.25	27.50
Second Size.....	2.75	22.50
LADY JANE. Cream or light yellow. First Size	3.00	25.00
Second Size.....	2.50	20.00
LEEUEWENHORST. Light Pink. First Size	3.50	30.00
Second Size.....	3.00	25.00
LEADING LADY. Large cream white. First Size	4.50	40.00
Second Size.....	4.00	35.00
MAID OF ORLEANS. Milky white, cream throat. First Size	2.75	22.50
Second Size.....	2.30	18.00
MARGARET BEATON. White with orange-red blotch in throat. First Size	2.50	20.00
Second Size.....	2.10	16.00
MARGARET FULTON. Rose-salmon. First Size	2.50	20.00
Second Size.....	2.10	16.00
MINUET. Best lavender. First Size	3.50	30.00
Second Size.....	3.00	25.00
MISS BLOOMINGTON. Deep lemon-yellow. First Size	2.50	20.00
Second Size.....	2.10	16.00
MODERN TIMES. Crimson Carmine. First Size	3.50	30.00
Second Size.....	3.00	25.00
NEW EUROPE. Brick red. First Size	3.00	25.00
Second Size.....	2.75	22.50
PICARDY. Delicate apricot pink. First Size	3.50	30.00
Second Size.....	3.00	25.00
Third Size.....	2.30	18.00
PINK RADIANCE. Clear light pink with recurve petals. First Size	3.50	30.00
Second Size.....	3.00	25.00
PURPLE SUPREME. Tall Purple. First Size	3.50	30.00
Second Size.....	3.00	25.00
RED CHARM. Fine medium red. First Size	3.50	30.00
Second Size.....	3.00	25.00
ROSA VAN LIMA. Bright pink with light throat. First Size	2.75	22.50
Second Size.....	2.30	18.00
SILENTIUM. Improved Margaret Beaton—white with red throat. First Size	2.50	20.00
Second Size.....	2.10	16.00
SNOW PRINCESS. A very fine white. First Size	2.30	18.00
Second Size.....	2.00	15.00
SPIC & SPAN. Bright Pink. First Size	6.50	60.00
Second Size.....	5.50	50.00
STOP LIGHT. Dazzling red. Very good spike. First Size	3.25	27.50
Second Size.....	2.75	22.50
SPOTLIGHT. Deep yellow, red throat. First Size	4.25	37.50
Second Size.....	3.50	30.00
VALERIA. Best red. First Size	2.90	24.00
Second Size.....	2.00	20.00
VAN TIENHOVEN. Poppy red. First Size	3.00	25.00
Second Size.....	2.50	20.00
WANDA. Cream sport of Puards. First Size	3.00	25.00
Second Size.....	2.50	20.00
WHITE GOLD. Large cream. First Size	2.75	22.50
Second Size.....	2.20	17.00
YELLOW EMPEROR. Deep clear yellow. First Size	2.50	20.00
Second Size.....	2.20	17.00
YELLOW HERALD. Yellow. First Size	3.25	27.50
Second Size.....	2.75	22.50
STANDARD MIXED. Not a field grown mixture, but blended thoroughly after harvest. All good, standard sorts. First Size	2.50	20.00
Second Size.....	2.00	15.00

EXTRA FINE MIXTURE

A mixture of fine, popular, higher priced varieties, containing a fine range of colors. **First Size** \$3.00 \$25.00
Second Size..... 2.30 18.00

DE LUXE MIXTURE

Put up 100 to the bag, to assure a splendid mixture. All high class, superfine varieties. **First Size** 4.00 35.00
Second Size..... 3.50 30.00

Now! A New Kind of Lawn from All-New Grasses



Life-size Closeup Taken in July of Merion Blue Grass Turf Cut with Mower, Set $\frac{1}{4}$ -in. Note Heavy Stand, Healthy Texture and Vigorous Weedless Growth.

RESEARCH on lawn problems conducted for many years is made available to amateurs in Vaughan's Merion Blue Grass Formula, which gives promise of revolutionizing lawn making practice. Traditional rules for lawn mixtures are discarded, and the grasses used in such mixtures for the past century passed-by, to produce

lawn seed which has all the virtues of the old-time blends, without the faults which have often made the task of maintaining lawn beauty throughout the garden season difficult.

MERION BLUE GRASS FORMULA — 100% Perennial Grasses

Contains: Merion Blue Grass, Illahee Creeping Fescue, or Penn State Chewings Fescue, Highland Bent. 1 lb., \$2.25; 5 lbs., \$2.20 per lb.; 10 lbs., \$2.18 per lb.; 50 lbs., \$2.17 per lb.; 100 lbs., \$2.15 per lb. Retail for \$3.25. Limit, 100 lbs. per customer.

Produces thicker turf, stays greener all summer and stands closest mowing. 1 lb. covers 750 sq. ft., 3 times as much as standard blue grass mixtures, thus being no more expensive to sow an equal area.

Merion Blue Grass, propagated from a single plant selection, which has demonstrated in trials throughout the country ability to stay green all summer, stand close mowing, and resist leaf spot and other diseases. Because its growth is more stocky and spreading than standard blue grass, it covers more ground, and less seed is required for a given area. We regard it the most important lawn grass introduction in the last century.

Illahoe Fescue, or Penn State Chewings Fescue, both improved strains of fescue, stronger growing and more resistant to disease. They thicken the turf, do well on sandy soils and in shade.

Highland Bent, dry land or upland bent, more drought and disease resistant than most bents and not requiring the care of creeping bent, it spreads underground and makes a thick turf, helping keep down weeds and spreading quickly to cover bare spots.

Bags included on all grass seed gross for net. All grass seed prices net cash, F. O. B. Chicago and New York and subject to change without notice.

"Parks" Mixture

Wherever a lawn is desired which combines the maximum of beauty with a minimum of care, we recommend this mixture. Its basis is a large amount of the finest Kentucky blue grass, which is combined with other suitable grasses in the proper proportion to produce a fine permanent turf. White clover is not included in this mixture, but it should be ordered separately. In one pound of Park Lawn Seed there are 3,682,560 seeds. Orders will be booked at the lowest price on day received.

Vaughan's (formerly "Chicago Parks") Formula

1-lb. carton, each, 80c (Retail for \$1.15)	\$76.00
2 and 3-lb. cartons	75.00
5-lb. cartons or bags (each, \$3.90)	74.00
Per 100 lbs.	
10 and 15-lb. bags	\$73.50
100 lb. lots	72.00
50 and 25-lb. bags	73.00
500 lb. lots	71.00
Lots of 10 to 25 lbs., 74 $\frac{1}{2}$ c lb. On Larger Lots Ask For Prices.	

Vaughan's Columbian (Shady Place Formula)

Especially adapted for medium shade and sandy soils.
Prices Same as Parks

Vaughan's Dense Shade Formula

Composed of grasses most suited for growing in heavily shaded situations. Is also satisfactory in moderate shade. This is an exceptionally fine shade mixture and now includes the splendid new creeping red fescue. Grass grown in the shade requires extra care. Ask for Lawn Grass pamphlet for directions.

Prices Same as Parks

Vaughan's Excel Lawn Mixture A Good Mixture for Quick Results

100 lb. bags, \$55.00; 1-lb. cartons (ea., 60c), \$59.00 per 100 lbs.; 5-lb. bags (ea., \$2.90), \$57.00 per 100 lbs.; 10 to 25 lbs., 57 $\frac{1}{2}$ c per lb.; retails 90c per lb.

Ask for quotations on grasses not listed.

SPECIAL MIXTURES

If interested in cheaper mixtures or formulas other than we list let us know and we will be glad to quote.

FANCY GRASSES

Orders will be booked at the lowest price on day received.
Order early and avoid transportation difficulties.

KENTUCKY BLUE GRASS. Our blue grass is all recleaned to fancy purities with low weed content and is of high germination.

Fancy. Purity 85%. Full bags (112 lbs.), \$57.00 per 100 lbs.; less than 112 lbs., 59c per lb.; 10 to 25 lbs., 61c per lb.

Standard. Purity 80%. Full bags (112 lbs.), \$55.00 per 100 lbs.; less than 112 lbs., 57c per lb.; 10 to 25 lbs., 59c per lb.

Extra Fancy Seed. Purity about 90%. Full bags (112 lbs.), \$62.00 per 100 lbs.; less than 112 lbs., 64c per lb.; 10 to 25 lbs., 66c per lb.

Refined Sun Cured. Purity about 97 to 98%. Full bags (112 lbs.), \$69.00 per 100 lbs.; less than 112 lbs., 71c per lb.; 10 to 25 lbs., 73c per lb.

RED TOP, Refined. Extra Recleaned Purity 97 to 98%. Full bags (100 lbs.), \$46.00 per 100 lbs.; broken bags, 48c per lb.; 10 to 25 lbs., 50c per lb.

Extra Fancy. Purity 95%. Full bags (100 lbs.), \$42.00 per 100 lbs.; broken bags, 44c per lb.; 10 to 25 lbs., 46c per lb.

Fancy. Purity 92%. Full bags (100 lbs.), \$40.00 per 100 lbs.; broken bags, 42c per lb.; 10 to 25 lbs., 44c per lb.

CLOVER, White Dutch.

Extra Fancy. \$75.00 per 100 lbs.; less than 100 lbs., 77c per lb.; 10 to 25 lbs., 79c per lb.

PERENNIAL RYE GRASS. \$19.50 per 100 lbs.; broken bags, 21c per lb.; 10 to 25 lbs., 22c per lb.

RYE GRASS Common, Native Grown. Full bags (100 lbs.), \$14.00 per 100 lbs.; broken bags, 15c per lb.; 10 to 25 lbs., 16c per lb.

CHEWING'S FESCUE. Full bags (115 lbs.), \$95.00 per 100 lbs.; broken bags, 97c per lb.; 10 to 25 lbs., 99c per lb.

CREEPING RED FESCUE. Imported. 100 lbs., \$85.00; less than 100 lbs., 87c per lb.; 10 to 25 lbs., 89c per lb.

DOMESTIC CREEPING RED FESCUE. 100 lbs., \$95.00; less than 100 lbs., 97c per lb.; 10 to 25 lbs., 99c per lb.

ALTA FESCUE. Excellent for roadsides, airports, etc.—quite drought resistant—deep root system—quite coarse for lawn purposes—100 lbs., \$75.00; less than 100 lbs., 77c per lb.

POA TRIVIALIS. \$62.00 per 100 lbs.; broken bags, 64c per lb.; 10 to 25 lbs., 66c per lb.

ASTORIA BENT, Certified Blue Tag. Full bags, (100 lbs.), \$110.00 per 100 lbs.; broken bags, \$1.15 per lb.; 10 to 25 lbs., \$1.20 per lb.

SEASIDE BENT, Certified Blue Tag. Full bags, \$105.00 per 100 lbs.; broken bags, \$1.10 per lb.; 10 to 25 lbs., \$1.15 per lb.

HIGHLAND BENT. Full bags, \$100.00 per 100 lbs.; broken bags, \$1.05 per lb.; 10 to 25 lbs., \$1.10 per lb.

● DUE TO UNSETTLED CONDITIONS AT THE TIME THIS GOES TO PRESS, PRICES ARE ONLY APPROXIMATE. ●

Freshly Packed and Tested Lawn Seed in 1953 for Your Unsold 1952 Stock

Federal Seed Law Requires Dated Germination Tests

OUR dealers can purchase cartons and 5-lb. bags of our branded seed with no fear of carrying over outdated seed into the following year. We will allow unsold packages to be returned to us and replace them with freshly packed and tested seed the following spring. Dealers who have tried this plan report that it enables them to keep up stocks and get maximum sales throughout the season with no fear of inventory losses.

This offer is NOT in any way to be considered on a consignment basis but is solely for the protection of our dealers against having to carry into the following year unsalable, outdated and soiled cartons.

The terms of payment are absolutely the same as heretofore.

This offer does not apply in any way whatsoever to bulk seed or non-branded seed and this is in no way to be considered a guarantee sale. All seed to be exchanged must positively be returned to us prepaid by December 1, 1952, and replacement will be made by March 1, 1953.

NOTE—We cannot accept broken cartons and wet or otherwise damaged seed for exchange.

For Your Protection

All our grass seeds are carefully analyzed in our own fully equipped laboratory and tagged or labelled to conform to the complicated requirements of the state laws. Errors in labelling might be costly and troublesome. Play safe.

Vaughan's "Parks"

Contains NO TIMOTHY

Recommend this mixture for beauty and durability. It produces a fine turf that will endure. The splendid reputation of this mixture for over half a century makes it an easy seller and keeps satisfied customers. For seeding and care of lawn, call customer's attention to lawn booklet enclosed in every carton and bag of Vaughan's lawn seed. Contains over 3 and 1/2 million seeds per lb.

Vaughan's Parks Deal No. 1	\$	40	Retails for \$60.45	
			Cartons	Ret. Price
			10 1-lb.	\$1.15
			5 2-lbs.	2.30
		Net Cash	7 5-lbs.	5.60
		F. O. B. Chicago		

"Your Lawn"

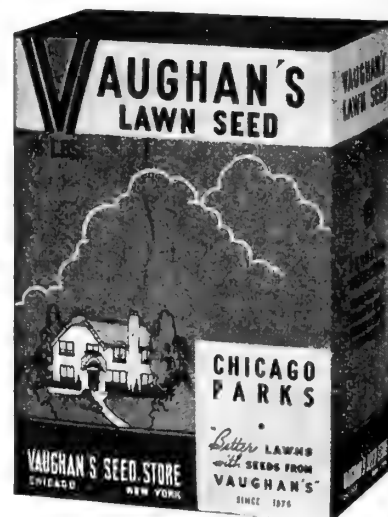
This booklet gives the latest scientific advice on all phases of lawn making including fertilization and weed control. One copy is enclosed in each carton and bag of the lawn seed mixtures.

Excel Lawn Mixture

An Economy Mixture Containing NO TIMOTHY

This blend fills the demand for a mixture which is both inexpensive and at the same time free of objectionable timothy so widely used as a lawn seed adulterant. Our Excel Mixture has, as its chief ingredient, the grass which is used for winter putting greens on southern golf courses. It comes up as quickly as timothy, will last longer and makes a fine appearance if kept cut.

Retails for		Excel Mixture — Deal No. 2	
\$54.45		\$	35
Cartons	Ret. Price		
17 1-lb.	\$0.90		
Bags			
9 5-lb.	4.35	Net Cash	
		F. O. B. Chicago	



NEW CARTON OF MODERN DESIGN
SUPPLIED IN ALL SIZES UP TO 5 LBS



This Vivid Window Streamer Printed in Five Colors Will Bring You Business—Furnished Free to All Dealers.

Ornamental and Flowering Shrubs



EUONYMUS Alatus Compacta



PHILADELPHUS Virginalis



ELSCHOLTZIA Stauntoni

OUR shrubs are nursery-grown and are transplanted every two or three years. They are nice, shapely bushes with plenty of good fibrous roots, and are such plants as are in demand by the first class retail trade. They should not be compared to stock that is never moved from the cutting or seeding beds until sold.

Our Nursery is located at Western Springs, 15 miles west of Chicago, on the C. B. & Q. R. R., two blocks south of 47th Street, on Wolf Road.

Visitors are invited to inspect our stock at any time. We have a choice lot of specimens such as are not usually seen. Our customers will be pleased with the class of stock we send them.

Shipping Directions: All stock is sold F. O. B. Western Springs. Packing charges to be added on all orders for shrubs, dormant roses, fruits, trees, evergreens, and vines, at cost. Always give full explicit shipping directions, as our responsibility ends on delivery to the express or freight office in good condition. All trees, shrubs and plants shipped subject to customer assuming risk regarding his own State Nursery Inspection Regulations. Certificate furnished with each shipment.

Where personal selection of stock is made at our Nursery we charge according to its value.

Warning—Prices on all nursery stock subject to change without notice. 5 plants of one kind supplied at 10 rate. 30 plants of one kind supplied at 100 rate.

	Each	10	100
ACANTHOPANAX Pentaphyllum. 4 to 5 ft.	\$1.00	\$8.50	.....
5 to 6 ft.	1.10	10.00	.....
AMELANCHIER Canadensis (Shadblow Service- berry). 3 to 4 ft.	1.00	9.00	.....
4 to 5 ft.	1.15	10.00	.....
AZALEA Mollis (Chinese A.) 15 to 18 in. B&B.	4.00	.....	\$37.50
BERBERIS Koreana (Korean Barberry). 18 to 24 in. ....	.60	5.00	45.00
2 to 3 ft. ....	.75	6.50	.....
Mentorensis. (Patent No. 99) (New Evergreen Barberry). 18 to 24 in. ....	.85	7.50	62.50
Thunbergi (Green-leaved Barberry). 18 to 24 in. ....	.60	4.50	40.00
Thunbergi Atropurpurea (Red-leaved Barberry). 18 to 24 in. ....	.65	5.50	50.00
24 to 30 in. ....	.75	6.50	.....
30 to 36 in. ....	.90	8.50	.....
Thunbergi Erecta (Patent No. 110). (Truchedge Columbarry). 2 to 3 ft. ....	.85	7.50	.....
3 to 4 ft.	1.15	11.00	.....
BUDDLEIA (Butterflybush or Summer Lilac). Fascinating. (Pink). Field grown. ....	.60	4.50	40.00
Dubonnet (Red). Field grown. ....	.60	4.50	40.00
Orchid Beauty. Field grown. ....	.60	4.50	40.00
Royal Purple. Field grown. ....	.60	4.50	40.00
BUXUS Microphylla Koreana (Korean Littleleaf Box) 2½ in. pots. ....	.50	4.50	40.00
CALYCANTHUS Floridus (Sweet Shrub). 18 to 24 in. ....	.70	6.00	.....
24 to 30 in. ....	.85	7.50	.....
CARAGANA Arborescens (Siberian Pea Tree). 3 to 4 ft. ....	.60	5.00	.....
CHIONANTHUS Virginica (White Fringetree). 2 to 3 ft. ....	.90	8.00	.....
CORNUS Alba Sibirica (Siberian Redtwig Dogwood). 2 to 3 ft. ....	.60	5.00	45.00
3 to 4 ft. ....	.70	6.00	50.00
4 to 5 ft. ....	.85	7.00	65.00
Amomum (Silky Dogwood). 2 to 3 ft. ....	.50	4.00	35.00
3 to 4 ft. ....	.60	5.00	40.00
4 to 5 ft. ....	.70	6.00	50.00
Stolonifera Flaviramea (Goldentwig Dogwood). 2 to 3 ft. ....	.60	5.00	45.00
3 to 4 ft. ....	.70	6.00	55.00
COTONEASTER Acutifolia (Peking Cotoneaster). 2 to 3 ft. ....	.75	6.50	.....
3 to 4 ft. ....	.90	8.00	.....
CYDONIA Japonica (Japanese Quince). 18 to 24 in. ....	.60	5.00	45.00
2 to 3 ft. ....	.75	6.50	60.00
DEUTZIA Gracilis (Slender Deutzia). 9 to 12 in. ....	.60	5.00	.....
ELSCHOLTZIA Stauntoni (Heathermint). 18 to 24 in. ....	.75	6.50	.....
2 to 3 ft. ....	.85	7.50	.....

	Each	10	100
EUONYMUS Alatus Compacta (Dwarf Burningbush). 18 to 24 in.	1.90	17.50	.....
2 to 2½ ft.	2.25	.....	.....
2½ to 3 ft.	2.90	.....	.....
3 to 3½ ft.	4.25	.....	.....
3 to 3½ ft. B&B.	5.00	.....	.....
3½ to 4 ft. B&B.	5.75	.....	.....
4 to 4½ ft. B&B.	6.75	.....	.....
4½ to 5 ft. B&B.	8.50	.....	.....
5 to 5½ ft. B&B.	10.00	.....	.....
European (European Spindletree). 3 to 4 ft. ....	.75	7.00	.....
4 to 5 ft.	1.10	10.00	.....
6 to 8 ft.	2.75	25.00	.....
Radicans (Wintercreeper). From 2½ in. pots. ....	.60	5.50	50.00
Radicans Colorata (Purpleleaf Wintercreeper). From 2½ in. pots. ....	.45	3.50	25.00
From 3 in. pots. ....	.55	4.50	35.00
Radicans Vegetus (Bigleaf Wintercreeper). From 2½ in. pots. ....	.60	5.50	50.00
From 3 in. pots. ....	.85	7.50	65.00
FORSYTHIA Intermedia Spectabilis. 2 to 3 ft. ....	.60	5.50	50.00
3 to 4 ft. ....	.75	6.50	60.00
4 to 5 ft. ....	.85	7.50	.....
Spring Glory 2 to 3 ft. ....	.85	7.50	.....
HALESIA Tetraptra (Great Silverbell). 2 to 3 ft. ....	.85	7.50	.....
4 to 5 ft.	1.75	15.00	.....
5 to 6 ft.	2.15	20.00	.....
HAMAMELIS Vernalis (Winterblooming Witch- hazel). 2 to 3 ft.	1.10	10.00	.....
3 to 4 ft.	2.15	20.00	.....
5 to 6 ft. B&B.	5.25	.....	.....
HIBISCUS Syriacus (Rose of Sharon). (Althea). Double Purple, Pink, Red or White. 3 to 4 ft. ....	.85	7.50	65.00
HYDRANGEA Arborescens Grandiflora (Snowball H). 18 to 24 in. ....	.65	5.50	50.00
2 to 3 ft. ....	.85	7.50	.....
Opuloides (Blue H). 2 yr.	1.00	10.00	.....
Paniculata Grandiflora. 18 to 24 in. ....	.65	5.50	50.00
2 to 3 ft. ....	.85	7.50	.....
Quercifolia (Oakleaf Hydrangea). 18 to 24 in.	1.30	12.00	.....
3 to 4 ft. B&B.	4.00	.....	.....
KERRIA Japonica Pleniflora. 2 to 3 ft.	1.00	9.00	.....
KOLKOWITZIA Amabilis (Beautybush). 18 to 24 in. ....	.75	6.50	.....
2 to 3 ft. ....	.85	7.50	.....
3 to 4 ft.	1.00	9.00	.....
LIGUSTRUM Amurense (Amur Privet, North). 18 to 24 in., 3 canes up.	2.50	20.00	.....
2 to 3 ft.	3.50	30.00	.....
3 to 4 ft.	4.50	40.00	.....
3 to 4 ft., heavy.	6.00	50.00	.....
4 to 5 ft. ....	.60	5.50	50.00
Ibota Regelianum (Regel's Privet). 18 to 24 in. ....	.60	5.50	50.00
2 to 3 ft. ....	.75	6.50	.....

Please Tell Us How to Ship. We Express Unless Otherwise Instructed.

All Prices are F. O. B. Our Nurseries, Western Springs, Ill.

	Each	10	100
LONICERA Fragrantissima (Winter Honeysuckle).			
18 to 24 in.	.55	4.50	
Demissa 2 to 3 ft.	.75	6.50	
Korolkowi Zabeli (True Red Honeysuckle).			
3 to 4 ft.	.75	6.50	60.00
4 to 5 ft.	.90	8.50	75.00
Ruprechtiana (Manchurian H.). 3 to 4 ft	.70	6.00	55.00
Tatarica Alba or Rosea 2 to 3 ft.	.60	5.00	
3 to 4 ft.	.70	6.00	55.00
4 to 5 ft.	.85	7.50	70.00
Tatarica Rubra. 3 to 4 ft.	.70	6.50	55.00
PHILADELPHUS—Mockorange.			
Grandiflorus. 3 to 4 ft.	.70	6.00	55.00
4 to 5 ft.	.75	6.50	
5 to 6 ft.	.85	7.50	
Lemoinei. 2 to 3 ft	.75	6.50	
Minnesota Snowflake. (Patent No. 538) 2 to 3 ft	1.00	9.00	
Virginalis. 2 to 3 ft	.75	7.00	65.00
3 to 4 ft.	1.00	8.50	75.00
5 to 6 ft.	1.50	12.50	
PHYSOCARPUS Opulifolius (Common Ninebark).			
5 to 6 ft.	.75	6.50	60.00
Opulifolius Aureus (Goldenleaf Ninebark).			
5 to 6 ft.	.75	6.50	60.00
Opulifolius Nana (Dwarf Ninebark). 2 to 3 ft	.70	6.00	50.00
POTENTILLA Gold Drop. 18 to 24 in.	1.00	9.50	
PRUNUS Besseyi (Hansen's Improved Bush Cherry).			
2 to 3 ft.	.60	5.00	45.00
Glandulosa Sinensis Double Pink Flowering Almond 2 to 3 ft.	.85	7.50	
Other varieties. See Trees, page 66.			
RHAMNUS Frangula (Glossy Buckthorn). 3 to 4 ft.	.75	6.50	
RHODOTYPOS Kerrioides (Jetbead). 2 to 3 ft	.80	7.50	
ROSA Rugosa Belle Poitevine. 2 year	.75	6.50	
Rugosa F. J. Grootendorst Supreme. 2-year	.90	7.50	
Rugosa Hansa. 2-year	.75	6.50	
Rugosa. Pink Grootendorst. 2-year	.90	7.50	
Multiflora (Fence Rose). Seedlings 1/2 in. caliper at crown. 15 to 18 in. 500, \$30.00; 1000, \$55.00			8.00
SALIX Discolor (Pussy Willow). 3 to 4 ft.	.70	6.50	
SPIRAEA Arguta. 2 to 3 ft.	.70	6.50	60.00
Anthony Waterer. 18 to 24 in	.70	6.00	55.00
Bumalda Froebeli. 18 to 24 in.	.50	4.50	40.00
24 to 30 in.	.70	5.50	50.00
Trichocarpa (Korean Spirea). 3 to 4 ft.	.60	5.00	
4 to 5 ft.	.85	7.50	
Van Houttei (Bridalwreath). 2 to 3 ft	.55	4.50	40.00
3 to 4 ft.	.65	5.50	50.00
4 to 5 ft.	.75	6.50	60.00
SYMPHORICARPOS Racemosus (Snowberry)			
3 to 4 ft.	.50	4.50	40.00
SYRINGA (Lilac).			
Japonica. 3 to 4 ft.	1.00	9.00	
4 to 5 ft.	1.50	12.50	
5 to 6 ft.	2.00		
Microphylla (Littleleaf Lilac). 3 to 4 ft.	1.75		
PERSICA PERSIAN PURPLE. 2 to 3 ft	.75	6.50	60.00
3 to 4 ft.	.85	7.50	70.00
Villosa (Late Lilac). 3 to 4 ft	.85	7.50	
4 to 5 ft.	1.00	9.00	
Vulgaris Alba (Common White Lilac). 2 to 3 ft	.75	6.50	
Vulgaris Purpurea. 2 to 3 ft	.65	5.50	50.00
3 to 4 ft.	.75	7.00	
FRENCH HYBRID LILACS			
Charles Joly (Double Wine Red). 18 to 24 in	1.15	10.50	
Mme. Lemoine (Double Fragrant White).			
18 to 24 in.	1.00	9.00	
2 to 3 ft.	1.60	15.00	
President Grevy (Double Blue). 18 to 24 in.	1.00	9.00	
2 to 3 ft.	1.60	15.00	

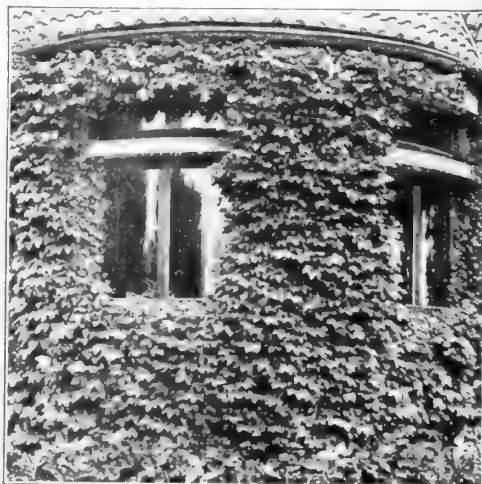


SPIRAEA Bumalda Froebeli

	Each	10	100
TAMARIX Hispidula. 3 to 4 ft	.85	7.50	
VIBURNUM Burkwoodi (Gardenia-Scented Snowball). 18 to 24 in.	2.50		
Dentatum. (Arrowwood). 4 to 5 ft.	.90	8.50	
5 to 6 ft.	1.00	9.50	
Fragrans. 3 to 4 ft. B&B.	5.00		
4 to 5 ft. B&B	6.00		
Lantana (Wayfaring Tree). 3 to 4 ft.	.90	8.00	75.00
4 to 5 ft.	1.00	9.00	85.00
5 to 6 ft.	1.10	10.00	
Lentago (Nannyberry). 3 to 4 ft.	1.00	9.00	
4 to 5 ft.	1.25	10.00	
Opulus (Cranberrybush). 3 to 4 ft.	.90	8.50	
4 to 5 ft.	1.00	9.00	
Opulus Sterile (Snowball). 3 to 4 ft.	1.00	9.00	
4 to 5 ft.	1.25	10.00	
ULMUS Pumila, Chinese Elm Hedging—See Trees			
VITEX Macrophylla. 18 to 24 in.	.60	5.00	
WEIGELA Bristol Ruby (Patent Number 492).			
2 to 3 ft.	1.00	8.50	
Rosea. 3 to 4 ft.	.75	6.50	

Hardy Vines

	Each	10	100
AMPELOPSIS Engelmani. A hardy and quick-growing, self-climbing vine. 2 year.	\$0.50	\$4.00	\$35.00
Veitchi (Boston Ivy). The grandest hardy climbing vine that clings tightly to stone or brick. Good glossy green leaves, three-lobed 2-year No. 1.	.60	4.50	40.00
ARISTOLOCHIA Sipho (Dutchman's Pipe). A vigorous climber with large heart shaped leaves. Thrives in sun or shade. 2-year grafted.	1.35	12.50	
BIGNONIA Radicans (Trumpet Creeper). Showy trumpet-shaped flowers of brilliant orange-scarlet. 2-year.	.50	3.75	30.00
Mme. Galen. More dwarf than above, but has immense flower clusters. 2-year, grafted.	1.00	9.50	
CELASTRUS Scandens (American Bittersweet). Hardy climber, with orange-capsuled fruit in autumn. 2-year.	.50	4.00	35.00
CLEMATIS—Small-Flowering—Paniculata. The finest small-flowering Clematis. Pure white, deliciously fragrant flowers. September. 2-year.	.50	4.50	
CLEMATIS—Large-Flowering.			
Henryi, single white. Jackmani, rich deep purple; Mme. Ed. Andre, wine-red; 2-year No. 1.	1.00	8.50	
Henryi, Jackmani or Mme. Ed. Andre. (For shipment before April 10th. Not available later.) 2 1/2-inch pots.	.75	6.50	60.00
Crimson King. Bright Red. 2-year.	1.40	12.50	
Lord Neville. Rich velvety violet-purple. 2-yr.	1.40	12.50	
Nelly Moser. Pale mauve with a red bar on each petal. 2-year.	1.50	13.50	
Prins Hendrik. Azure-blue. 2 year.	1.65	15.00	
HEDERA Helix Baltica (Hardy English Ivy). Excellent ground cover. 2 1/4 in. pots.	.60	4.00	35.00
HYDRANGEA Petiolaris (Climbing Hydrangea). Loose clusters of white flowers in July. 3 inch pots.	1.50	14.00	
LONICERA—Honeysuckle, Heckrotti. Flowers dark red and creamy yellow. 2-year.	.60	5.50	
Japonica Halliana (Hall's Honeysuckle). Very fragrant pure white flowers changing to yellow. 2-year.	.50	4.00	30.00
POLYGONUM Auberti. Fast growing vine, producing foamy masses of white flowers in late summer. 2-year	.65	5.50	
PUERARIA Thunbergiana (Kudzu Vine). 1-yr. No. 1	.45	3.50	30.00
WISTARIA Multijuga Rosea. (Pink Japanese Wistaria) 2-year. Grafted plants.	.90	7.50	
Sinensis Alba. Pure white flowers. 2-year. Grafted plants.	.90	7.50	
Sinensis (Chinese Purple W.). 2-year. Grafted.	.90	7.50	



AMPELOPSIS Veitchi (Boston Ivy).

Please Tell Us How to Ship. We Express Unless Otherwise Instructed.
All Prices are F. O. B. Our Nurseries, Western Springs, Ill.

Ornamental and Shade Trees



AMERICAN ELM, MOLINE TYPE

All our trees are nursery grown and are one or more times transplanted.

	Each	10
ACER Dasycarpum (Silver Maple).		
8 to 10 ft. $1\frac{1}{4}$ to $1\frac{1}{2}$ in. caliper.....	\$3.50	\$32.50
10 to 12 ft. $1\frac{1}{2}$ to $1\frac{3}{4}$ in. caliper.....	4.35	40.50
Ginnala (Amur Maple).		
4 to 5 ft.....	1.35	12.50
5 to 6 ft.....	1.90	17.50
Platanoides (Norway Maple).		
8 to 10 ft. $1\frac{1}{4}$ to $1\frac{1}{2}$	5.50	52.50
Platanoides Columnare (Columnar Norway Maple).		
10 to 12 ft. $1\frac{1}{2}$ to $1\frac{3}{4}$ in. caliper.....	8.50	80.00
12 to 14 ft. $1\frac{3}{4}$ to 2 in. caliper.....	9.50	90.00
Schwedleri Nigra Patent No. 735 (Crimson King Maple).		
5 to 6 ft. whips.....	4.00	.....
BETULA. Alba (European White Birch).		
8 to 10 ft.....	3.25	30.00
8 to 10 ft. $1\frac{1}{4}$ to $1\frac{1}{2}$ in. caliper.....	4.25	40.00
6 to 8 ft. clumps.....	5.25	50.00
Pendula Gracilis (Cut-Leaved Weeping Birch). 7 to 9 ft....	5.00	47.50
CELTIS Occidentalis (Common Hackberry).		
8 to 10 ft. $1\frac{1}{4}$ to $1\frac{1}{2}$ in. caliper.....	4.00	37.50
10 to 12 ft. $1\frac{1}{2}$ to $1\frac{3}{4}$ in. caliper.....	4.90	47.50
CERCIS Canadensis (Eastern Redbud).		
3 to 4 ft.....	1.50	14.00
CORNUS Florida (Flowering Dogwood).		
2 to 3 ft. B&B.....	4.00	37.50
Florida Rubra (Pink Flowering Dogwood).		
2 to 3 ft., B&B.....	4.75	45.00
CRATAEGUS (HAWTHORN).		
Carrieri. 5 to 6 ft.....	3.00	27.50
6 to 7 ft.....	4.00	37.50
7 to 8 ft. $1\frac{1}{4}$ to $1\frac{1}{2}$ in. caliper.....	5.25	50.00
Coccinea. 8 to 10 ft. Bush.....	5.25	50.00
Crusgalli. 6 to 7 ft.....	5.25	50.00
7 to 8 ft. $1\frac{1}{2}$ to $1\frac{3}{4}$ in. caliper B&B.....	10.00	.....
Mollis. 6 to 7 ft.....	4.00	37.50
$1\frac{1}{4}$ to $1\frac{1}{2}$ in. caliper B&B.....	8.75	.....
$1\frac{1}{2}$ to $1\frac{3}{4}$ in. caliper B&B.....	10.00	.....
Oxycantha Splendens (Paul's Double Scarlet Hawthorn).		
4 to 5 ft.....	3.50	32.50
5 to 6 ft.....	4.50	42.50
FRAXINUS Americana (American White Ash).		
8 to 10 ft. $1\frac{1}{4}$ to $1\frac{1}{2}$ in. caliper.....	3.25	30.00
10 to 12 ft. $1\frac{1}{2}$ to $1\frac{3}{4}$ in. caliper.....	4.00	37.50
10 to 12 ft. $1\frac{3}{4}$ to 2 in. caliper.....	5.25	50.00
GINKGO Biloba.		
8 to 10 ft. $\frac{3}{4}$ to 1 in. caliper.....	4.25	40.00
8 to 10 ft. $1\frac{1}{4}$ to $1\frac{1}{2}$ in. caliper.....	5.25	50.00
10 to 12 ft. $1\frac{1}{4}$ to $1\frac{1}{2}$ in. caliper.....	6.00	57.50
GLEDTISIA Triacanthos (Common Honeylocust).		
8 to 10 ft. $1\frac{1}{4}$ to $1\frac{1}{2}$ in. caliper.....	3.50	32.50
10 to 12 ft. $1\frac{1}{4}$ to $1\frac{1}{2}$ in. caliper.....	4.25	40.00
12 to 14 ft. $1\frac{1}{2}$ to $1\frac{3}{4}$ in. caliper.....	4.75	45.00
14 to 16 ft. $1\frac{3}{4}$ to 2 in. caliper.....	6.25	60.00
Triacanthos Inermis (Thornless Honeylocust).		
8 to 10 ft. $1\frac{1}{4}$ to $1\frac{1}{2}$ in. caliper.....	3.75	35.00
10 to 12 ft. $1\frac{1}{4}$ to $1\frac{1}{2}$ in. caliper.....	4.50	42.50
12 to 14 ft. $1\frac{1}{2}$ to $1\frac{3}{4}$ in. caliper.....	5.00	47.50
14 to 16 ft. $1\frac{3}{4}$ to 2 in. caliper.....	7.00	.....

	Each	10
MAGNOLIA Soulangeana (Saucer Magnolia).		
2 to 3 ft. B&B.....	\$ 7.50	.....
3 to 4 ft. B&B.....	8.75	.....
4 to 5 ft. B&B.....	11.50	.....
5 to 6 ft. B&B.....	13.75	.....
Soulangeana Lennei (Lenne Magnolia). 4 to 5 ft. B&B....	11.60	.....
Stellata (Star Magnolia). 18 to 24 in. B&B.....	7.50	.....
24 to 30 in. B&B.....	8.50	.....
MALUS Almey (Almey Crab). 4 to 5 ft.....	3.00	\$27.50
Hopa (Hopa Crab). 4 to 5 ft.....	2.15	20.00
Ioensis Plena (Bechtel's Dbl. Flowering Crab).		
3 to 4 ft.....	2.15	20.00
4 to 5 ft.....	3.00	.....
Purpurea Eleyi (Eley Crab). 4 to 5 ft.....	2.15	20.00
PRUNUS Blirieana (Blirieana Plum). 4 to 5 ft.....	2.50	.....
5 to 6 ft.....	2.75	.....
Thundercloud (Purpleleaf Plum). 4 to 5 ft.....	2.50	.....
Triloba (Flowering Plum). 3 to 4 ft.....	1.10	10.00
SALIX Niobe (Niobe Weeping Willow). 8 to 10 ft.....	2.50	22.50
SORBUS Aucuparia (European Mountain Ash).		
8 to 10 ft.....	4.25	40.00
TILIA Cordata (Littleleaf European Linden).		
8 to 10 ft. $1\frac{1}{4}$ to $1\frac{1}{2}$ in. caliper.....	3.00	27.50
8 to 10 ft. $1\frac{1}{4}$ to $1\frac{1}{2}$ in. caliper.....	4.50	42.50
8 to 10 ft. $1\frac{1}{2}$ to $1\frac{3}{4}$ in. caliper.....	5.75	55.00
8 to 10 ft. $1\frac{3}{4}$ to 2 in. caliper.....	7.00	.....
10 to 12 ft. $2\frac{1}{4}$ to 2 in. caliper.....	8.50	.....
Platyphyllos Pyramidalis (Pyramidalis European Linden).		
8 to 10 ft. $1\frac{1}{4}$ to 2 in. caliper.....	7.50	70.00
10 to 12 ft. $2\frac{1}{4}$ to 2 in. caliper.....	8.50	80.00
12 to 14 ft. $2\frac{1}{2}$ to $2\frac{3}{4}$ in. caliper.....	12.50	.....
12 to 14 ft. $2\frac{3}{4}$ to 3 in. caliper.....	15.00	.....
ULMUS Americana (American Elm).		
8 to 10 ft. $1\frac{1}{4}$ to $1\frac{1}{2}$ in. caliper.....	3.25	30.00
10 to 12 ft. $1\frac{1}{4}$ to $1\frac{1}{2}$ in. caliper.....	4.50	42.50
12 to 14 ft. $1\frac{1}{2}$ to $1\frac{3}{4}$ in. caliper.....	5.25	50.00
14 to 16 ft. $1\frac{3}{4}$ to 2 in. caliper.....	6.25	60.00
Americana Molinei (Moline Elm).		
10 to 12 ft. $1\frac{1}{4}$ to $1\frac{1}{2}$ in. caliper.....	4.00	37.50
12 to 14 ft. $1\frac{1}{2}$ to $1\frac{3}{4}$ in. caliper.....	4.75	45.00
12 to 14 ft. $1\frac{3}{4}$ to 2 in. caliper.....	5.25	50.00
Pumila (Chinese Elm).		
8 to 10 ft. $1\frac{1}{4}$ to $1\frac{1}{2}$ in. caliper.....	3.25	30.00
10 to 12 ft. $1\frac{1}{4}$ to $1\frac{1}{2}$ in. caliper.....	4.50	42.50
12 to 14 ft. $1\frac{1}{2}$ to $1\frac{3}{4}$ in. caliper.....	5.25	50.00
14 to 16 ft. $1\frac{3}{4}$ to 2 in. caliper.....	6.25	60.00
Elm Hedging—Chinese Elm only		
2 to 3 ft. Seedlings..... per 100, \$7.50.....	1.00	.....

NOTE—In all cases where both height and caliper are given, the height are only approximate. The caliper governs.

All prices f.o.b. our nursery, Western Springs, Ill. Subject to change without notice. Packing additional at cost.

All trees personally selected in our nursery will be charged for according to their value.



ACER SCHWEDLERI NIGRA CRIMSON KING MAPLE (Patent No. 735)

Vaughan's Evergreens



JUNIPERUS Chinensis Pfitzeriana
(Pfitzer Juniper) Best of All Evergreens

Prices listed, unless otherwise noted, include balling and burlapping.
Our evergreens are two or more times transplanted

JUNIPERUS Chinensis (Chinese Juniper).		Each	10
Vigorous broad columnar tree; green to blue green foliage.			
3 to 3½ ft.		\$5.25	\$50.00
3½ to 4 ft.		6.40	60.00
4 to 4½ ft.		7.50	70.00
4½ to 5 ft.		8.50	80.00
5 to 5½ ft.		9.50	90.00

Chinensis Keteleeri (Keteleer Juniper).		Each	10
Vigorous broad columnar tree; green to blue green foliage.			
3 to 3½ ft.		6.00	56.00
4 to 4½ ft.		8.50	80.00
4½ to 5 ft.		10.00	95.00
5 to 5½ ft.		11.00	105.00
7½ to 8 ft.		20.00	
8 to 9 ft.		22.50	

Chinensis Pfitzeriana (Pfitzer Juniper).		Each	10
One of the best of all Junipers. Broad bushy habit. Thick, rich green foliage, giving feathery appearance.			
18 to 24 in. spread.		4.25	40.00
2 to 2½ ft. spread.		5.50	52.50
2½ to 3 ft. spread.		7.00	67.50
3 to 3½ ft. spread.		8.50	80.00
3½ to 4 ft. spread.		10.00	
4 to 4½ ft. spread.		11.00	
4½ to 5 ft. spread.		12.50	
5 to 5½ ft. spread.		14.00	

Chinensis Pfitzeriana—Upright (Upright Pfitzer). These have been staked into an upright growing habit.		Each	10
3½ to 4 ft.		11.75	110.00
4 to 4½ ft.		13.75	130.00
4½ to 5 ft.		17.50	
5 to 5½ ft.		18.50	

Glaucia Hetzi (Hetz Spreading Blue Juniper) Habit is similar to Pfitzer; attractive blue foliage.		Each	10
18 to 24 in.		4.25	40.00

Horizontalis Plumosa (Andorra Juniper). Of low-spreading, irregular form with bright green foliage, reddish purple in fall.		Each	10
15 to 18 in.		3.50	32.50
18 to 24 in.		4.25	40.00
2 to 2½ ft.		5.00	47.50
4 to 4½ ft.		8.50	80.00

Sabina Von Ehron. Semi-spreading, picturesque drooping branches, and very dark green foliage.		Each	10
3 to 3½ ft.		5.75	55.00
3½ to 4 ft.		6.50	60.00
4 to 4½ ft.		7.50	70.00
4½ to 5 ft.		9.50	90.00

Sabina Von Ehron—Upright. Staked form of above.		Each	10
4½ to 5 ft.		10.00	95.00
5 to 5½ ft.		11.50	110.00

Virginiana (Eastern Redcedar). Dense conical habit. Foliage dark green; bronze in winter.		Each	10
6 to 6½ ft.		8.00	75.00

Virginiana Burki (Burk Redcedar). Compact pyramidal growth; steel-blue foliage.		Each	10
3½ to 4 ft.		7.75	72.50
5½ to 6 ft.		13.50	127.50
6 to 6½ ft.		15.00	
6½ to 7 ft.		17.50	
7 to 7½ ft.		20.00	

Virginiana Canaerti (Canaert Redcedar). Rich deep green foliage, heavily tufted.		Each	10
3 to 3½ ft.		\$7.00	\$65.00
3½ to 4 ft.		7.75	72.50
4½ to 5 ft.		10.00	95.00
5 to 5½ ft.		11.75	110.00
5½ to 6 ft.		13.50	127.50
6 to 6½ ft.		15.00	
6½ to 7 ft.		17.50	
7 to 7½ ft.		20.00	

Virginiana Glauca (Silver Redcedar). A form of the Red Cedar with silvery tinged foliage.		Each	10
4½ to 5 ft.		10.00	95.00
5 to 5½ ft.		11.75	110.00
5½ to 6 ft.		13.50	127.50
6 to 6½ ft.		15.00	
6½ to 7 ft.		17.50	
7 to 7½ ft.		20.00	

Virginiana Hilli (Dundee Juniper). Of dense, conical form; foliage bluish gray green, fine plum color in fall and winter.		Each	10
3 to 3½ ft.		7.00	65.00
3½ to 4 ft.		7.75	72.50
5½ to 6 ft.		13.50	127.50
6 to 6½ ft.		15.00	
6½ to 7 ft.		17.50	

PACHYSANDRA Terminalis. Evergreen Spurge, (Japanese Spurge) Excellent ground cover for shady places. Thick leathery leaves hold on all winter.		Each	10
2½ inch pot plants		100 for \$20.00	2.25

PICEA Pungens Glauca (Colorado Blue Spruce). Selected blue.		Each	10
2½ ft.		8.00	
3 ft.		9.50	
3½ ft.		11.50	
4 ft.		14.00	

PSEUDOTSUGA Douglasi (Douglas Fir). Foliage dark bluish green. Very hardy.		Each	10
2 to 2½ ft.		5.25	50.00

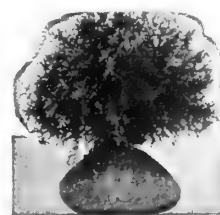
TAXUS Cuspidata (Japanese Yew). Rich dark green foliage spreading bushy habit. Does best in shade.		Each	10
18 in.		6.00	57.50
2 ft.		7.50	70.00
2½ ft.		9.75	92.50
3 ft.		12.50	120.00
3½ ft.		15.00	
5 ft.		30.00	
5½ ft.		35.00	

Cuspidata Capitata (Upright Japanese Yew). Erect, symmetrical form of cuspidata.		Each	10
18 in.		5.75	55.00
2 ft.		6.50	60.00
2½ ft.		7.50	72.50
3 ft.		10.00	95.00
3½ ft.		13.50	
4 ft.		17.50	
4 ft. Specimen		20.00	
4½ ft.		25.00	
4½ ft. Specimen		27.50	
5 ft. Specimen		35.00	
5½ ft. Specimen		40.00	

Cuspidata Nana (Dwarf Japanese Yew).		Each	10
18 in.		5.75	55.00
3 ft.		20.00	
3½ ft.		25.00	
4 ft.		30.00	

Media Hicksi (Hick's Yew). Very compact, narrow upright.		Each	10
2 ft.		5.50	52.50
4 ft.		14.00	
4½ ft.		16.50	160.00
5 ft.		18.00	
5½ ft.		22.50	

Media Kelseyi (Kelsey Yew). Bushy upright habit. Abundant red berries. 2 ft.		Each	10
2½ ft.		7.50	72.50
		9.00	85.00



THUJA OCC. GLOBOSA

Please Tell Us How to Ship. We Express Unless Otherwise Instructed.
All Prices are F. O. B. Our Nurseries, Western Springs, Ill.



TAXUS Cuspidata Capitata

	Each	10
THUJA Occidentalis Douglasi Pyramidalis (Douglas Pyramidal Arborvitae). Of compact, tall slender form; foliage dark green with lighter tips.		
6 to 6½ ft.	\$10.50	\$100.00
6½ to 7 ft.	12.00	110.00
Occ. Globosa (American Globe Arborvitae). A round compact form, dark green foliage.		
24 in.	4.00	37.00
30 in.	4.50	42.50
3 ft.	6.00	57.00
Occ. Pyramidalis (American Pyramidal Arborvitae). A compact, narrowly pyramidal tree with bright green foliage.		
5 to 5½ ft.	7.00	65.00
5½ to 6 ft.	8.00	75.00
6 to 6½ ft.	9.00	85.00
Occ. Rosenthali (Rosenthal Arborvitae). Dark green dense foliage; compact grower.		
2½ to 3 ft.	6.00	57.50
3 to 3½ ft.	6.75	65.00
3½ to 4 ft.	7.75	72.50
4 to 4½ ft.	9.00	85.00
4½ to 5 ft.	9.50	90.00
5 to 5½ ft.	10.00	
Occ. Wareana (Ware Arborvitae). Of dense, broad, pyramidal form with rich green foliage. Very hardy.		
2½ to 3 ft.	6.00	57.50
3 to 3½ ft.	6.75	65.00
3½ to 4 ft.	10.00	
4 to 4½ ft.	11.50	

All evergreens personally selected and tagged in the Nursery, will be charged for according to their value, usually 25% above catalog price.

All Prices F. O. B. Our Nurseries, Western Springs, Ill., Subject to Change Without Notice. Packing Charges Additional at Cost.

Polyantha Forcing Roses

- Dick Koster.** Flowers like Margo Koster, but rose-red in color. XXX grade, per 10, \$7.50; per 100, \$68.00.
- Gloria Mundi.** Double, lasting, glowing orange-scarlet in large clusters. Sold out for this spring; available again in late fall.
- Margo Koster.** Dwarf bushy plants with clusters of unusual globe-shaped flowers of vivid orange, flushed coral-pink. Sold out for this spring, available again in late fall.
- Orange Triumph.** Produces huge clusters of magnificent salmon red blooms. XXX grade per 10, \$7.50; per 100, \$68.00.
- Triomphe Orleanais.** Brilliant cherry-red, lasting in color, blooms profusely in trusses, vigorous and erect with bright glossy green foliage. Considered the finest of red Polyanthas. XXX grade, per 10, \$7.50; per 100, \$68.00; XX grade, per 10, \$6.50; per 100, \$58.00; per 250, \$140.00.

Ask for list of Patented and Standard varieties of Hybrid Tea, Floribunda and Climbing Roses which will be available in February, after our grade counts are completed.

VAUGHAN'S PEONIES

5 of a Kind at the 10 Rate—25 of a Kind at the 100 Rate

We have put the following varieties in storage and can only supply them in divisions from 3 to 5 eyes while the stock lasts.

Peonies may be planted in early spring with good results.

	Each	10	25
8.7 Avalanche. A magnificent flower that opens like a rose. Pure snow-white with a few penciling of carmine on the edge of the center petals. Delightfully fragrant; late midseason. A very good cut flower and cold storage variety.	\$0.60	\$5.00	\$40.00
8.1 Duchess de Nemours. Beautiful sulphur-white; early fragrant.	.50	4.00	35.00
7.6 Edulis Superba. Usually blooms for Decoration Day. The flowers are a beautiful deep, vivid pink, with a silvery reflex, and are borne profusely on tall, strong stems. Excellent cut-flower; fragrant.	.50	4.00	35.00
8.2 Gold Mine (Japanese Peony). Cup-shaped flowers of dark rose-pink with deep golden center. A strong grower and profuse bloomer. Midseason.	.60	5.00	40.00
8.2 Grover Cleveland. Large compact flowers of rich bright crimson on stiff stems. It has excellent foliage and is one of our most desirable reds. Late midseason.	.65	5.00	45.00
8.1 L'Etincelante (Single Peony). Very broad petals of bright carmine with silvery border; crown of golden stamens in the center.	.65	5.00	
8.8 Karl Rosefield. Very large flower, globular, semi-rose type of rich velvety-crimson. Extremely vigorous grower; tall; early.	.65	5.00	45.00
8.6 Mikado (Japanese Peony). Guards velvety crimson, forming a cup enclosing crimson petaloids, edged and tipped gold.	.60	5.00	
8.8 Richard Carvel. Large globular flowers of uniform bright crimson. Tall annual and profuse bloomer. Delicate fragrance. Excellent for cut-flowers; usually blooms for Decoration Day.	.90	7.50	
9.0 Sarah Bernhardt. Tall, vigorous grower and prolific bloomer. The color is a dark rose-pink, edged lighter pink; center flecked crimson; late midseason.	.65	5.00	45.00
9.4 Tourangelle. Pearly-white overlaid with delicate shades of salmon. Late.	.60	5.00	
Unnamed. Double Pink.	.40	3.00	25.00
Unnamed. Double Red.	.50	3.50	30.00
Unnamed. Double White.	.50	3.50	27.00

VAUGHAN'S IRISES

"S" refers to the three standard or upright curling petals.

"F" refers to the three falls or drooping petals.

	Each	10	25
Berkeley Gold. 38 in. A large deep clear yellow self of fine form, heavy substance and smooth texture.	\$0.50	\$4.00	\$7.50
California Gold. 36 in. Magnificent, large flowers of dazzling, deep golden yellow.	.30	2.25	4.50
Christabel. 38 in. Very showy, large flowers of gleaming copper-red.	.30	2.50	5.00
City of Lincoln. 40 in. Magnificent bicolor. Standards of bright yellow, falls rich, velvety red; golden edged.	.30	2.50	5.00
Copper Lustre. 36 in. Huge flowers of a blend of glowing copper and gold with iridescent sheen.	.30	2.50	5.00
Elmohr. 36 in. A colossal Iris. Color reddish mulberry with a pinkish glow of great brilliance.	.60	4.50	
Garden Flame. 38 in. A large, richly colored Iris of deep rose-mahogany. Late.	.60	4.50	
Garden Magic. 44 in. A late very dark velvety red—in great demand.	.50	4.00	
Golden Majesty. 42 in. A truly superb deep yellow Iris. Large blooms of thick substance do not fade.	.30	2.50	5.00
Grand Canyon. 40 in. Very large, ruffled flowers of an old blend of plum and copper and gold.	.50	3.50	7.50
Great Lakes. 48 in. An exquisite blue. Ideally formed blooms with flaring falls and crisp petal texture.	.50	4.00	
Gudrun. 36 in. Enormous flowers of lovely pure white, dusted with soft gold at the throat.	.30	2.25	4.50
Indian Hills. 37 in. A stunning Iris of rich wine purple.	.30	2.25	4.50
Master Charles. 38 in. A gorgeous flaring flower of rich glowing mulberry purple.	.90	7.50	
Morocco Rose. 38 in. "S" lustrous pale pink; "F" deep rose-lavender pink, long and flaring. A beautiful creation.	.40	3.00	6.25
Nightfall. 36 in. Rich, blackish, pansy-purple color, with standards several shades lighter than falls.	.50	3.50	7.50
Ola Kala. 36 in. Brilliant ruffled deep orange-yellow. Dykes Medal winner for 1948.	.60	5.00	
Ormohr. 40 in. Extra-large blooms of soft gray lavender veined violet with rosy glow. Hardy. Easy to grow.	.30	2.50	5.00
Prairie Sunset. 37 in. A gorgeous blend of peach, apricot, rose, copper and gold, like a prairie sunset.	.60	4.50	8.75
Sable. 40 in. Almost perfect black with a silky sheen. Excellent form, hardiness, and intense color make it "tops" in its color class.	.50	4.00	

Ask for our "Complete List" of Iris, ready in June

All Prices are F.O.B. Western Springs, Ill.
Packing Charges to be added at cost.

Vegetable Plants With a Pedigree

Vaughan's Seeds of Table Quality Varieties are Sure Selling

Whether or not World War III comes before spring, vegetable gardens are sure to be a major item in the civilian defense programme. Food production close to the homes of the people will be of vital importance, should war delay or interrupt the long distance transportation of fresh vegetables to market. Be prepared to meet a sell-out demand for plants.

BROCCOLI

De Cicco. 60 days. The best strain for Market, Home Garden or freezing, suitable in north or south. 18 inches tall; branching, forming compact head of bluish green flower buds. After the main head is removed smaller heads are produced from the branches which continue to the end of the season. Pkt., 15c; oz., 60c; $\frac{1}{4}$ lb., \$2.00; lb., \$6.00.

CABBAGE YELLOWS-RESISTANT

We offer the best resistant strains of cabbage seed through the cooperation of some of the best cabbage experts in the district of Racine, Wisconsin. Wherever the yellows disease has been known, we advise the use of resistant varieties. As a second precaution, everyone should give the hot water treatment to cabbage seed to insure freedom from black rot. Just before planting soak the seed for 30 minutes in water heated to 122° F.

100 days. This is the most popular of all the green types of cabbage for Market, Home Garden, Kraut and storage. It is one of the heaviest for size of head, being firm, tender and excellent quality. 8 inches round, flattened slightly, deep through, 7 inches, weighing 10 pounds or more, outer leaves deep purplish green with a tight folded leaf covering the head. Pkt., 15c; oz., 70c; $\frac{1}{4}$ lb., \$2.00; lb., \$6.00.

75 days. A solid round headed resistant. **Globe.** Glory of Enkhouer Cabbage. Stem medium short particularly valuable for kraut. Pkt., 15c; oz., 45c; $\frac{1}{4}$ lb., \$1.45; lb., \$4.25.

60 days. Very similar to Early Jersey Wakefield, but bred for resistance to yellows. Pkt., 15c; oz., 45c; $\frac{1}{4}$ lb., \$1.45; lb., \$4.25.

100 days. While this is not quite as large as the Long Island Mammoth Rock Red strain, it is darker and more uniform; being yellows resistant, is safer to grow. All sections of the country are becoming infested with yellows so it is important that resistant strains be more extensively used. Pkt., 15c; oz., 65c; $\frac{1}{4}$ lb., \$1.65; lb., \$5.00.

75 days. The third yellows-resistant cabbage to mature. Of an excellent Copenhagen Market type, though water than select Copenhagen, coming a short time before Glory of Enkhouer. Pkt., 15c; oz., 45c; $\frac{1}{4}$ lb., \$1.45; lb., \$4.25.

64 days. The finest resistant Golden Acre. The heads, though not quite the size of Resistant Detroit, resist bursting more. The leaves are colored a beautiful bluish green. Pkt., 15c; oz., 70c; $\frac{1}{4}$ lb., \$2.00; lb., \$6.00.

68 days. An earlier strain of Copenhagen Market than Marion Market. This strain is more like the standard European strains of Copenhagen and is ideally suited for the early market. It is not as early as our non-resistant strain of Copenhagen. Pkt., 15c; oz., 70c; $\frac{1}{4}$ lb., \$2.00; lb., \$6.00.

STANDARD BRED CABBAGES

Selected Copenhagen Market Extra

Early. Matures in about 65 days. Earliest of the large heading cabbages, maturing even before the conical types. Market growers have reported their entire crop of this variety harvested before heads from other seed of this variety were ready to cut.

Reselected Tested Stock. Pkt., 10c; oz., 50c; $\frac{1}{4}$ lb., \$1.65; lb., \$5.00.

Early Jersey Wakefield. 65 days. Very pointed, hard head, 10 inches long, 5 inches wide. Desirable for the southern trade; stands close planting. Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.10; lb., \$3.25.

Golden Acre. Matures in about 60 days. Earlier than Copenhagen Market and its heads are smaller, weighing 4 to 5 lbs. Pkt., 10c; oz., 45c; $\frac{1}{4}$ lb., \$1.40; lb., \$4.00.

GOLDEN ACRE DANISH GROWN (A. H. 45). Oz., 50c; $\frac{1}{4}$ lb., \$1.65; lb., \$5.00.

CAULI- FLOWER

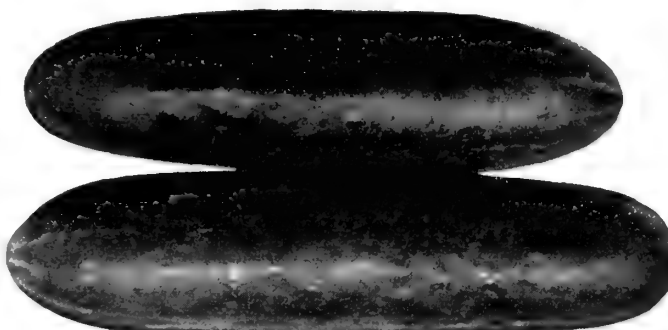
**Vaughan's
New Snowball.**

Matures in
about 60 days.

For early outdoor planting and forcing, as well as for late sowing for the fall crop, this variety is standard. A well grown head measures 9 to 10 inches across with depth in proportion and a perfectly white core. Pkt., 30c; $\frac{1}{4}$ oz., 85c; $\frac{1}{4}$ oz., \$1.60; oz., \$3.00; $\frac{1}{4}$ lb., \$9.25.



CABBAGE YELLOW RESISTANT MARKET



THE VAUGHAN HYBRID CUCUMBER

CUCUMBER

65 days. A Marketer variety that is now the most popular slicing cucumber for market. The fruits are a very dark green, extremely uniform and taper slightly at the ends. The average size is about 8 inches long and 2 1/4 inches in diameter. Pkt., 15c; oz., 35c; $\frac{1}{4}$ lb., 85c; lb., \$2.50.

CELERY

Michigan Golden 100 Days. (College Golden). Developed at Michigan State Agricultural College. A new strain of self-blanching celery resistant to root rot or crown rot "Fusarium Yellows," bred from the tall strain of Golden self-blanching. Pkt., 35c; $\frac{1}{4}$ oz., \$1.15; oz., \$2.00; $\frac{1}{4}$ lb., \$6.00.

Easy Blanching Full Heart. 110 days. Early green variety of erect, compact growth, blanching easily; 18-22 inches tall, stalks very thick with an excellent heart. Oz., 75c; $\frac{1}{4}$ lb., \$2.25; lb., \$6.75.

Golden Self Blanching Short. 90 days. 20-24 inches tall, stocky, solid, thick, stalks blanching easily. Oz., 90c; $\frac{1}{4}$ lb., \$2.70; lb., \$8.00.

EGGPLANT

Black Beauty. 80 days. Twelve days earlier than New York. In shape it is broad and thick, perfectly spineless and smooth; beautiful rich purple color and handsome lustre. Oz., 75c; $\frac{1}{4}$ lb., \$2.25; lb., \$6.00.

ONION

Valencia Sweet Spanish. Matures in about 115 days. Here is a mild, sweet, giant onion of the true Spanish type. From seed it will produce onions weighing a pound; if started in the hotbed, two pound specimens can be grown. Oz., 60c; $\frac{1}{4}$ lb., \$1.75; lb., \$5.25.

White Lisbon. Strictly a bunching onion. Plants do not form bulbs, but long, smooth white stems; twice the size of ordinary bunching onions. Very hardy and can be planted either in spring or fall. Oz., 40c; $\frac{1}{4}$ lb., \$1.50;

Niagara. 68 days. This variety is a 1951 introduction and is the first slicing cucumber bred resistant to mosaic. This variety is the work of Henry Munger of Cornell University. Pkt., 15c; oz., 65c; $\frac{1}{4}$ lb., \$1.85; lb., \$5.50.

The Vaughan Hybrid Cucumber. 65 days. A new true F1 hybrid that has resistance to mosaic and produces an exceptional yield of long, slender dark green fruit, ideal for shipping. Oz., \$3.50; $\frac{1}{4}$ lb., \$10.00; lb., \$30.00.

KOHLRABI

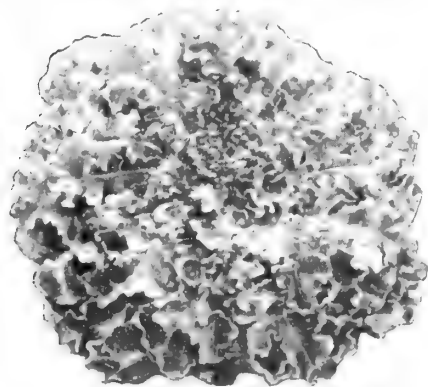
Early White Vienna. 55 days. Produces bulbs above the ground of a pale greenish white color and are eaten when about 2 inches or more in size. Flavor of turnip. Pkt., 15c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00.

RADISH

Early Scarlet Globe Select. (F), 25 days. Vaughan's Glasshouse Strain. For hotbed and house forcing, and outdoor planting. Very crisp, mild and tender, rich, bright scarlet of uniform globe shape. It is ready for the market 25 days.

Short Top—Pkt., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.10, 100 at 85c per lb.

Cherry Belle. 25 days. This radish is dainty, crisp, tender and it is round and red as a cherry. This is a variety for the market where a very short radish is desired. Pkt., 25c; $\frac{1}{4}$ lb., 45c; lb., \$1.10, 10 lb. at \$1.00, 100 lbs., per lb., 85c.



L-34 Leaf Lettuce Salad Bowl. 45 days. All America Gold Medal, 1952. This new variety bred by Dr. Ross C. Thompson, USDA, produces a bushy plant which fills a salad bowl with a perfect rosette of rich green leaves. It is as early as Oak leaf, stands the sun better, grows faster though slower to bolt and is of top table quality. A honey for home gardens. Oz., 85c; $\frac{1}{4}$ lb., \$2.50; lb., \$7.50.

Lettuce

Lettuce Bibb (Limestone). 57 days. This tender, brittle lettuce, which quickly makes loose heads as big as your fist, is becoming well-known to chefs of luxury hotels and to high priced food shops. Some say it was once known as "Half Century," others that it was bred by Maj. John Bibb, of Kentucky, born in 1789. It is making a comeback and we can promise you a fine spring crop, but must warn that it goes to seed quickly in hot weather. Pkt., 20c; oz., 35c; $\frac{1}{4}$ lb., 85c; lb., \$2.50.

Grand Rapids. About 45 days. This home garden favorite, also extensively planted for hotbed or greenhouse growing. The leaves are light green, daintily curled, tender, crisp, delicious. Our selected stock has been bred to a high degree of uniformity in type and season.

Vaughan's Extra Selected Stock. Pkt., 15c; oz., 25c; $\frac{1}{4}$ lb., 65c; lb., \$2.00.

Great Lakes. 75 days. A lettuce bred to produce mature heads in the hot summer weather of the middle west. The color and quality of a typical head of Great Lakes are outstanding. Recommended for upland soil. Pkt., 20c; $\frac{1}{2}$ oz., 35c; oz., 65c; $\frac{1}{4}$ lb., \$1.85; per lb., \$5.50.

Imperial No. 456. 80 days. A fine introduction of the Cornell Experiment Station that is highly recommended for growing on lowland or muck. It is said to withstand higher temperatures and tip burn better than Imperial No. 44. Pkt., 20c; $\frac{1}{2}$ oz., 40c; oz., 65c; $\frac{1}{4}$ lb., \$1.85; per lb., \$5.50.



VAUGHAN'S HYBRID EGGPLANT

Tomatoes

For Plants Resistant to Wilt

Pritchard. Certified. 76 days. The name of Scarlet Topper somewhat indicates its peculiarity. It is a brilliant red, very productive and has a goodly percent of resistance to wilt. Oz., 65c; $\frac{1}{4}$ lb., \$1.65; lb., \$5.00.

Marglobe Certified. 77 days. As early as Bonny Best, produces large, smooth, meaty, globular red fruits which ripen uniformly and are relatively free from cracks. Pkt., 15c; oz., 65c; $\frac{1}{4}$ lb., \$1.65; lb., \$5.00.

HYBRID TOMATOES

Vaughan's Hybrid. 80 days. A mid season very prolific 4 to 5 ounce red fruited tomato. This variety is suited in particular to the home garden where a heavy yielding high quality type is desired.

Vaughan's Early Hybrid. 72 days. A very bright red tomato that is an outstanding variety for the early market. This variety will produce a very good crop of fruit before August 10th in the Chicago area.

Prices on the two hybrids above, Pkt., 25c; oz., \$7.50; $\frac{1}{4}$ lb., \$25.00; lb., \$75.00.

BEST YELLOW VARIETY

Jubilee. 80 days. All America bronze medal, 1943. Among home gardeners this variety has quickly become one of the most popular, both for salad and for exhibition. Many consider that in heavy production of high quality fruits, uniform in both shape and size, it has no superior. Mature fruits average more than half a pound; deep orange inside and out with solid flesh and so few seeds as to make seed production a problem. It is an excellent salad variety, with mild, non-acid flavor, but not flat, and it can be canned with success, but some will consider its juice insipid. Its vines grow vigorously and can be staked and pruned. Pkt., 20c; $\frac{1}{2}$ oz., 45c; oz., 85c.

STANDARD BRED TOMATOES

Crimson Cushion or Beefsteak. 96 days. Is very large, round and regular; bright scarlet skin, solid flesh of best quality, seed cells small. Pkt., 15c; $\frac{1}{2}$ oz., 50c; oz., 85c; $\frac{1}{4}$ lb., \$2.50.

Ponderosa. 88 days. Of the large fruited varieties, this one is most popular. Pkt., 10c; $\frac{1}{2}$ oz., 45c; oz., 85c; $\frac{1}{4}$ lb., \$2.50.

Oxheart. 90 days. Popular because of its shape, large size, and excellent table qualities. Not a heavy yielder. Pkt., 15c; oz., \$1.00; $\frac{1}{4}$ lb., \$3.50.

Vaughan's Special Earliana. 66 days. Earliest large, smooth bright red tomato. Oz., 75c; $\frac{1}{4}$ lb., \$2.35; lb., \$7.00.

Peppers

Early California Wonder (Calwonder).

65 days. The new standard of perfection among sweet peppers. Color deep green changing to brilliant crimson upon ripening. Pkt., 15c; $\frac{1}{2}$ oz., 45c; oz., 85c; $\frac{1}{4}$ lb., \$2.50.

Golden California Wonder. 80 days. A fine new introduction, plants of which bear bright golden Peppers with the characteristics of regular California Wonder. Pkt., 25c; $\frac{1}{2}$ oz., 55c; 1 oz., \$1.00; $\frac{1}{4}$ lb., \$3.00.

Hungarian (Hot). In 65 days. A slender hot pepper much prized for canning. It is $1\frac{1}{2}$ inches in diameter at the base and often 10 inches long. Pale green turning to red. Pkt., 15c; $\frac{1}{2}$ oz., 40c; oz., 65c; $\frac{1}{4}$ lb., \$1.75.

Hungarian Sweet. 65 days. An unbelievably productive banana shaped pepper. Our stock of this variety is one of our specialties and there is no superior strain. The fruit is sweet with a medium fleshed wall, light yellow turning to bright red at maturity. Pkt., 15c; $\frac{1}{2}$ oz., 55c; oz., \$1.00; $\frac{1}{4}$ lb., \$3.00.

Bull Nose, Hot. 60 days. A pungent pepper. Pkt., 15c; $\frac{1}{2}$ oz., 30c; oz., 50c; $\frac{1}{4}$ lb., \$1.50.

King of the North. 64 days. One of the earliest Peppers, of good size dark green turning to a deep rich red. One of the most productive and of good market size. Pkt., 15c; $\frac{1}{2}$ oz., 35c; oz., 65c; $\frac{1}{4}$ lb., \$1.75.

Worldbeater. 75 days. One of the best of the large peppers. 5 inches long by $3\frac{1}{2}$ inches in diameter. Flesh mild and thick, a rich deep red when ripe. Very prolific. Pkt., 15c; $\frac{1}{2}$ oz., 40c; oz., 65c; $\frac{1}{4}$ lb., \$1.75.



VAUGHAN'S EARLY HYBRID TOMATO



Best Selling Tomato

Giant Tree (Italian Potato Leaved). A pink tomato of enormous size and finest table quality. This is a Vaughan specialty. There is a sell-out market for giant tree plants. It has no rival for size, both of fruit and vine growth, and is right up at the top in quality. The huge, smooth, pink fruits have few seeds. They are full of tender, delicious flesh, of mild, non-acid flavor. $\frac{1}{2}$ oz., \$1.75; oz., \$3.50; $\frac{1}{4}$ lb., \$12.00; lb., \$35.00.

Vaughan's Vegetable Seeds for Florists

VAUGHAN'S VEGETABLE SEEDS

FROM the most dependable growers, who operate in localities most favorable for the production of their special seed crops, we purchase the highest quality of seed. Our buyers inspect the crops while growing to make sure they have been properly rogued and are true to type. Each lot of seed is tested in our laboratories when received. Each year we grow samples of vegetable seeds in our own fields, to make our check on quality. By these precautions we assure our customers of the best available seeds of each variety.

ARTICHOKE

	Oz.	¼ lb.	Lb.
Green Globe.....	\$1.00	\$3.00	\$10.00

ASPARAGUS SEED

	.25	.60	1.75
Mary Washington.....			
Paradise.....	.40	1.00	3.00

ASPARAGUS ROOTS

	100	1000	5,000 per 1,000
Mary Washington, 2 Year Old.....	\$3.00	\$27.50	\$25.00

BUSH BEANS—Green Pod

	1 to 5 lbs., per lb.	10 lbs.	100 lbs.
Black Valentine Stringless.....	\$0.40	\$3.25	\$30.00
Bountiful Stringless.....	.40	3.25	30.00
CONTENDER (Very early).....	.40	3.25	30.00
Dwarf Horticultural.....	.40	3.25	30.00
Giant Stringless Green Pod.....	.40	3.25	30.00
Improved Navy Michelite.....	.35	2.50	22.50
Jagan.....	.40	3.50	32.00
Longgreen.....	.40	3.50	32.00
Streamliner.....	.40	3.50	32.00
Stringless Green Pod.....	.40	3.25	30.00
Tendergreen.....	.40	3.50	32.00
Topcrop (Gold Medal Winner 1950).....	.40	3.50	32.00
WADE (Gold Medal Winner 1952).....	.45	3.75	35.00

Delivery after January 1, 1952

WAX BEANS

CHEROKEE WAX.....	.40	3.25	30.00
Golden Wax (Top Notch).....	.40	3.50	32.00
Pencil Pod Black Wax.....	.40	3.50	32.00
Round Pod Kidney Wax.....	.50	3.75	35.00
Large Crop Bountiful Wax.....	.40	3.25	30.00

BUSH LIMA BEANS

Baby Fordhook.....	.40	3.25	30.00
Burpee's Improved Bush Lima.....	.40	3.25	30.00
Cangreen.....	.40	3.25	30.00
FORDHOOK 242.....	.40	3.25	30.00
Fordhook Bush Lima.....	.40	3.25	30.00
Henderson U. S. No. 2.....	.40	3.25	30.00

POLE LIMA

1 to 5 lbs., per lb. 10 lbs. 100 lbs.

King of the Garden.....	\$0.40	\$3.25	\$30.00
-------------------------	--------	--------	---------

POLE BEANS—Green Pod

Horticultural Cranberry.....	.40	3.25	30.00
Kentucky Wonder or Old Homestead.....	.40	3.25	30.00
Lazy Wife.....	.40	3.25	30.00
Scarlet Runner.....	.40	3.25	30.00

POLE BEANS—Wax Pod

Lb. 10 lbs. 100 lbs.

Kentucky Wonder Wax.....	\$0.40	\$3.50	\$33.00
--------------------------	--------	--------	---------

BEETS

	¼ lb.	Lb.	5 lbs. per lb.
Crosby's Egyptian.....	\$0.45	\$1.25	\$1.10
Detroit Dark Red.....	.50	1.50	1.35
PERFECTED DETROIT.....	.55	1.60	1.50
Early Wonder.....	.50	1.50	1.35
EARLY WONDER SPECIAL GREEN TOP.....	.55	1.60	1.50
Green Top Bunching.....	.55	1.60	1.50
Improved Early Egyptian.....	.50	1.50	1.35
MANGEL—Vaughan's Mammoth Long Red.....	.35	.95	.90
Golden Tankard.....	.35	.95	.90
Giant Half Sugar Rose.....	.35	.95	.90

SUGAR BEETS—

Klein's Wanzleben.....	.40	1.00	.95
------------------------	-----	------	-----

BROCCOLI

	Oz.	¼ lb.	Lb.
DeCicco (Earliest to mature).....	\$0.60	\$2.00	\$6.00
Italian Calabrese.....	.40	1.35	4.00

BRUSSELS SPROUTS

Improved Dwarf.....	.65	1.80	5.00
Long Island Improved.....	.65	1.80	5.00

CABBAGE

YELLOW-RESISTANT CABBAGES

	Oz.	¼ lb.	Lb.
BUGNER.....	\$0.70	\$2.00	\$6.00
GLOBE.....	.45	1.45	4.25
Early Detroit (a resistant Golden Acre type).....	.45	1.45	4.25
Jersey Queen.....	.45	1.45	4.25
Marion Market.....	.45	1.45	4.25
RACINE MARKET (Wisconsin Pride).....	.70	2.00	6.00
Wisconsin All Head.....	.45	1.45	4.25
Wisconsin All Season.....	.45	1.45	4.25
Wisconsin Ballhead.....	.45	1.45	4.25
Wisconsin No. 8.....	.45	1.45	4.25
Wisconsin Copenhagen (Splendid early Variety).....	.70	2.00	6.00

These Prices Subject to Change Without Notice.

CABBAGE—Continued

STANDARD VARIETIES

	Oz.	¼ lb.	Lb.
Charleston Wakefield.....	\$0.40	\$1.10	\$3.25
CHINESE CABBAGE MICHILI.....	.30	.80	2.50
Chinese Cabbage Wong Bok.....	.25	.65	1.75
Chinese Celery Cabbage Chihili.....	.25	.65	1.75
Copenhagen Market.....	.40	1.10	3.25
Copenhagen Market Extra Early Selections.....	.50	1.65	5.00
Danish Ballhead (Dwarf Amager).....	.40	1.10	3.25
Early Flat Dutch.....	.40	1.10	3.25
Early Jersey Wakefield.....	.40	1.10	3.25
Golden Acre.....	.45	1.40	4.00
Golden Acre Danish Grown AH-45.....	.50	1.65	5.00
Green Acre.....	.45	1.40	4.00
New Penn. State Ballhead.....	.45	1.25	3.75
Penn State Ballhead Special.....	.50	1.65	5.00
Vaughan's Premium (Late) Flat Dutch.....	.40	1.10	3.25

RED CABBAGE—

Mammoth Rock Red Long Island.....	.40	1.30	3.75
Red Acre.....	.65	1.65	5.00
Wisconsin Red, Yellows Resistant.....	.65	1.65	5.00

SAVOY CABBAGE—Long Island Strain.....	.50	1.50	4.50
---------------------------------------	-----	------	------

CARROT

	¼ lb.	Lb.	5 lbs. Per lb.
Chantenay. Red core.....	\$0.65	\$1.75	\$1.65
Danvers Half Long. Red core.....	.50	1.50	1.40
Early Short Scarlet (Dutch Horn).....	.65	1.75	1.65
Guerande or Oxheart.....	.50	1.50	1.40
Hutchinson (Waltham Strain).....	1.00	2.50	2.25
Imperator Long Type.....	.50	1.50	1.40
Improved Chantenay.....	.50	1.50	1.40
Improved Long Orange.....	.50	1.50	1.40
Nantes Half Long.....	.70	2.00	1.80
Sweetheart.....	.75	2.25	2.15

USEFUL VEGETABLES

	Oz.	¼ lb.	Lb.
Asparagus Chicory or Radichetta.....	\$0.35	\$0.85	\$2.50
Cardoon.....	.95	2.75	8.50
Chicory, Magdeburg. Large rooted.....	.35	1.05	3.00
Chicory San Pasquale.....	.35	1.00	3.00
Chicory, Witloof or French Endive. Fancy.....	.35	.85	2.50
Chives. Pkt., 15c; ½ oz., 40c.....	.75	2.00	6.00
Cress, Curled or Pepper Grass.....	.25	.65	2.00
Cress, Upland.....	.35	.85	2.50
Collards Cabbagehead.....	.35	.70	2.00
Collards Georgia.....	.35	.70	2.00
Corn Salad.....	.30	1.00	3.00

CAULIFLOWER

	Pkt.	¼ oz.	½ oz.	Oz.	¼ lb.	Lb.
Autumn Giant.....	\$0.25	\$0.40	\$0.75	\$1.40	\$4.25	\$12.00
Ideal (All American 1949).....	.50	1.35	2.50	5.00	15.00	45.00
New Snowball (Late).....	.30	.85	1.60	3.00	9.25	27.50
Super Select Snowball (Early).....	.40	.95	1.75	3.25	9.75	28.50

CELERY

	Oz.	¼ lb.	Lb.
Cornell No. 19.....	\$1.50	\$4.00	\$12.00
EASY BLANCHING FULL HEART.....	.75	2.25	6.75
EMMERSON PASCAL.....	2.00	6.00	18.00
Giant Pascal. Easy-blanching and a fine keeper.....	.65	2.00	6.00
Golden Self-Blanching. Short.....	.90	2.70	8.00
Michigan Golden (Yellow-resistant).....	2.00	6.00	18.00
Summer Pascal.....	1.00	3.00	10.00
Salt Lake (Utah Pascal).....	.90	2.70	8.00
White Plume. Vaughan's Selected Stock.....	.65	2.00	6.00

CELERIAC

	Oz.	¼ lb.	Lb.
Large Smooth Prague. Earliest of all.....	\$0.60	\$1.85	\$5.50

OPEN POLLINATED SWEET CORN

	Lb.	10 lbs.	100 lbs.
Bantam Evergreen.....	\$0.35	\$2.75	\$25.00
Country Gentleman.....	.35	2.75	25.00
Early Evergreen.....	.35	2.75	25.00
Extra Early Bantam 8 Row.....	.35	2.75	25.00
Golden Bantam 8 Row.....	.35	2.75	25.00
Howling Mob.....	.35	2.75	25.00
Stowell's Evergreen.....	.35	2.75	25.00

HYBRID SWEET CORN

Bancross.....	.50	4.00	38.00
CARMELCROSS IMPROVED.....	.50	4.00	38.00
Country Gentleman 8 X 6 Type.....	.60	5.50	50.00
Early Marcross.....	.50	4.00	38.00
Early Southern Cross.....	.50	4.00	38.00
EVERGOLD (Helminthosporium resistant).....	.50	4.25	40.00
GOLDEN CROSS BANTAM.....	.50	4.00	38.00
Golden Label Improved.....	.50	4.00	38.00
Illinois Golden No. 10.....	.50	4.00	38.00
Illinois Golden No. 21.....	.50	4.00	38.00
IOANA.....	.50	4.00	38.00
IOCHIEF (Best late yet introduced).....	.50	4.25	40.00
Lee.....	.50	4.00	38.00
Lincoln.....	.50	4.00	38.00
Narrow Grained 14x11.....	.60	5.50	50.00
OUR CHOICE.....	.50	4.00	38.00
Southern Cross.....	.50	4.00	38.00
Stowells Evergreen Hybrid.....	.60	5.50	50.00
Surprise.....	.50	4.00	38.00

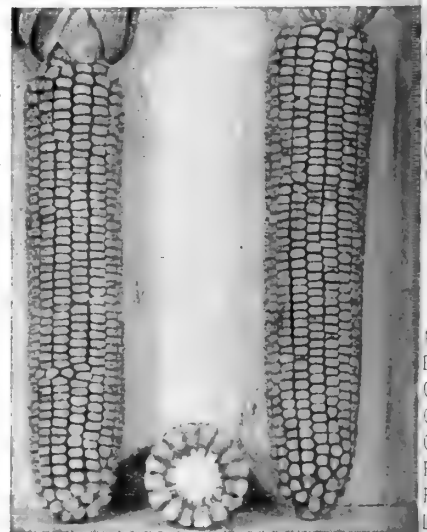
HYBRID
FIELD CORN

We offer State Certified Hybrids—

For many years breeders at the University of Wisconsin have been constantly at work developing and improving hybrids adapted to Northern Illinois, Wisconsin, Michigan, Iowa and Indiana.

Through arrangements with the University we are able to offer these proven hybrids at the following prices:

Grade	½ Bu.	Bu.
Flat Kernels		
(Edge Drop)	\$5.50	\$10.50



CUCUMBERS

HYBRIDS

	Oz.	¼ lb.	Lb.
Early Sure Crop Hybrid (All American 1950).....	\$3.85	\$12.00	\$35.00
Sensation Hybrid.....	3.85	12.00	35.00
THE VAUGHAN HYBRID (The best slicer for home or market).....	3.50	10.00	30.00

STANDARD TYPES

"A and C".....	.35	.85	2.50
Boston Pickling.....	.25	.65	1.75
Davis Perfect.....	.25	.65	1.95
Early Cluster.....	.25	.65	1.75

These Prices Subject to Change Without Notice.

CUCUMBERS—Continued

	Oz.	¼ lb.	Lb.
Early Fortune.....	\$0.25	\$0.65	\$1.85
Highmoor (Scab resistant market type).....	.35	.85	2.50
Improved Long Green.....	.35	.85	2.50
Improved White Spine.....	.25	.65	1.95
MAGNOLIA.....	.35	.85	2.50
Mandarin.....	.35	.85	2.50
MARKETER (Excellent for market).....	.35	.85	2.50
MR 17 (Mosaic resistant pickle).....	.45	1.25	3.50
NIAGARA (Mosaic resistant slicer).....	.65	1.85	5.50
Palmetto (Mildew resistant slicer).....	.45	1.25	3.50
Quick Grow.....	.35	.85	2.50
SANTEE (Mildew resistant slicer).....	.45	1.45	3.50
Straight Eight.....	.35	.85	2.50
The Vaughan.....	.35	.85	2.50
National.....	.25	.65	1.75
Westerfields Chicago Pickle.....	.25	.65	1.75
West India Gherkin.....	.30	.75	2.25
YORKSTATE (Mosaic resistant pickle).....	.35	.85	2.50

DANDELION

Thick Leaved or Cabbaging. Pkt., 15c.....	1.25	3.75	11.00
---	------	------	-------

DILL

Oz., 15c; ¼ lb., 30c; lb., 90c.

EGG PLANT

Black Beauty.....	.75	2.25	6.00
Florida High Bush.....	.75	2.25	6.00
Japanese Early Hybrid (for home garden only).....	2.00	6.00	18.00
VAUGHAN'S HYBRID (Black beauty type).....	3.00	8.50	25.00
Vaughan's Improved N. Y. Purple.....	.75	2.25	6.00

ENDIVE

Broad-leaved Batavian White Escarolle			
Full Heart.....	.20	.70	2.00
Ever White Curled.....	.20	.70	2.00
Green Curled Pancalier, Rose Ribbed.....	.20	.70	2.00
Green Curled Summer.....	.20	.70	2.00
Moss, Very Fine Curled.....	.20	.70	2.00

GARLIC

Selected Bavarian, lb., 60c. Write for prices on larger lots.

HERBS

Anise.....	.35	.85	2.50
Borage.....	.45	1.45	4.25
Caraway.....	.20	.50	1.50
Catnip.....	1.00	3.00	9.00
Coriander.....	.20	.50	1.50
Fennel, Florence.....	.30	.75	2.25
Fennel, Sweet.....	.30	.90	2.65
Lavender (True).....	1.35	3.85	11.50
Sage.....	.45	1.35	4.00
Savory, Summer.....	.45	1.45	4.25
Sweet Basil (Broad leaved).....	.40	1.25	3.75
Sweet Marjoram.....	.60	2.00	6.00
Thyme.....	1.00	3.00	9.00

KALE OR BORECOLE

Dwarf Blue Curled.....	.25	.75	2.25
Dwarf Green Curled.....	.25	.75	2.25
Tall Green Scotch.....	.25	.75	2.25

KOHLRABI

Early Purple Vienna.....	.35	1.00	3.00
Early White Vienna.....	.35	1.00	3.00

LEEK

	Oz.	¼ lb.	Lb.
Broad Scotch or London Flag.....	\$0.50	\$1.50	\$4.50
Large Musselburg.....	.50	1.50	4.50

LETTUCE

Leaf Varieties

Black-Seeded Simpson.....	.20	.50	1.50
Early Curled Simpson.....	.20	.50	1.50
Grand Rapids Forcing.....	.25	.65	2.00
SALAD BOWL (All America Gold Medal 1952).....	.85	2.50	7.50

Cabbage and Head Varieties

Bibb.....	.35	.85	2.50
Big Boston.....	.25	.65	1.75
Express Cos.....	.25	.65	1.75
Great Lakes (for uplands).....	.65	1.85	5.50
Iceberg.....	.30	.75	2.25
Imp. Hanson. Very large firm heads.....	.25	.65	1.75
Imperial No. 456 (for Muck or lowlands).....	.65	1.85	5.50
May King. Very early.....	.25	.65	1.75
New York No. 12.....	.35	.85	2.50
New York (Imperial 44).....	.45	1.25	3.75
Oak Leaf.....	.50	1.35	3.25
Paris White Cos.....	.25	.70	2.00
Pennlake.....	.65	1.85	5.50
Prizehead.....	.20	.50	1.50
Unrivalled or White Boston.....	.35	.85	2.50

MUSKMELON

Banana.....	.30	.80	2.25
Bender's Surprise.....	.30	.80	2.25
Extra Early Hackensack. Best strain.....	.30	.80	2.25
Hale's Best Jumbo Strain.....	.30	.80	2.25
Hearts of Gold or Improved Hoodoo.....	.30	.80	2.25
Honey Dew.....	.30	.80	2.25
Honey Rock.....	.30	.80	2.25
IROQUOIS.....	.30	.80	2.25
Michigan Pride.....	.30	.80	2.25
Milwaukee Market.....	.30	.80	2.25
Rocky Ford.....	.30	.80	2.25
Schoon's Hardshell or New Yorker.....	.30	.80	2.25
Tip Top. A very fine market melon.....	.30	.80	2.25
Wisconsin Pride.....	.30	.80	2.25

WATERMELON

Black Lee Resistant.....	.25	.75	1.90
Citron.....	.25	.75	1.90
Cole's Early or Harris.....	.25	.75	1.90
CONGO.....	.40	1.00	3.00
Dixie Queen.....	.35	.85	2.50
Dixie Queen Hybrid.....	2.50	7.50	22.00
Early Kansas or Red Russian.....	.25	.75	1.90
Florida Giant.....	.25	.75	1.90
Halbert Honey.....	.25	.75	1.90
Icebox.....	.25	.75	1.90
Kleckley's Sweet No. 6 or Pride of Muscatine Resistant.....	.25	.75	1.90
Klondyke, Klondike Resistant No. 7.....	.25	.75	1.90
New Hampshire Midget.....	.35	1.00	3.00
Ovid (Excellent Icebox type).....	.25	.75	1.90
Rattlesnake.....	.25	.75	1.90
Stone-Mountain Resistant No. 5 or Iowa Dixie.....	.25	.75	1.90
Sweetheart.....	.25	.75	1.90
Tom Watson.....	.25	.75	1.90
Winter. Winter or King and Queen.....	.25	.75	1.90

These Prices Subject to Change Without Notice.

MUSTARD

	Oz.	¼ lb.	Lb.
Florida Broad Leaved.....	\$0.15	\$0.35	\$1.00
Fordhook Fancy.....	.15	.35	1.00
Giant Southern Curled.....	.15	.35	1.00
Tendergreen.....	.15	.35	1.00

MUSHROOM SPAWN

Lambert's New Spore Culture Spawn. Made by an entirely new process. More vigorous and more productive than tissue spawn. Produces mushrooms of greater uniformity and truer to type.

Improved Vita.

(Bricks weigh approximately 1 lb.)

1 Brick 40c	5 Bricks \$1.90	10 Bricks \$3.50
----------------	--------------------	---------------------

Sterilized Bottle Spawn, in cartons. One carton will spawn 40 square feet. 90c per carton. \$9.60 per doz.

Write for circular.

OKRA

	Oz.	¼ lb.	Lb.
Dwarf Long Pod, White Velvet, Tall or Perkins' Mammoth, Clemson Spineless			
Prices of all of the above.....	\$0.10	\$0.35	\$0.90

ONION**HYBRIDS**

	¼ lb.	Lb.	5 lbs. per lb.
AUTUMN SPICE (F1 Hybrid of the Southport type)	\$3.00	\$9.00	\$8.50
MAGNIFICO (F1 Hybrid of the Sweet Spanish type)	"Sold Out"		

STANDARD TYPES

BELTSVILLE BUNCHING.....	2.50	8.00	7.50
Melzer (A top strain of Southport for muck).....	1.00	3.00	2.75
Riverside White.....	1.00	3.00	2.75
Southport Red Globe.....	1.00	3.00	2.75
Southport White Globe.....	1.50	4.00	3.75
Valencia (Sweet Spanish).....	1.75	5.25	5.00
Vaughan's Special Yellow Globe (Mountain Danvers).....	1.00	3.00	2.75
White Ebenezer.....	1.00	3.00	2.75
White Lisbon or Bunching.....	1.50	4.00	3.75
White Portugal.....	1.00	3.00	2.75
Yellow Globe Danvers.....	1.00	3.00	2.75
Bermuda Crystal White Wax. (Teneriffe Isles).....	1.00	3.00	2.75
Brigham.....	1.00	3.00	2.75
Downing.....	1.00	3.00	2.75
Early Yellow Globe.....	1.00	3.00	2.75
Ebenezer Yellow.....	.50	1.50	1.35
Golden Globe (For bottleneck sets).....	.50	1.50	1.35
He-Shi-Ko or Jap Bunching. (Winter hardy).....	1.00	3.00	2.75
Iowa Yellow Globe No. 44 (Excellent new keeper).....	1.00	3.00	2.75
Large Red Wethersfield.....	1.00	3.00	2.75

PARSLEY

	Oz.	¼ lb.	Lb.
Hamburg (Standard) (Rooted).....	\$0.20	\$0.50	\$1.50
Plain.....	.20	.50	1.50
Vaughan's Champion Moss Curled.....	.20	.50	1.50
Vaughan's XXX.....	.20	.50	1.50

PARSNIP

All American.....	.20	.50	1.50
Improved Guernsey.....	.20	.50	1.50
Long Smooth, Hollow Crown.....	.20	.50	1.50

PEAS

	1 to 5 lbs. per lb.	10 lbs.	100 lbs.
Alaska (Resistant).....	\$0.25	\$1.70	\$15.00
Alderman.....	.30	2.50	22.50
American Wonder.....	.30	2.50	22.50
Dwarf Gray Sugar.....	.30	2.50	22.50
Dwarf Telephone or Daisy (extra choice).....	.30	2.50	22.50
Extra Early Prem. Gem or Little Gem.....	.30	2.50	22.50
Giant Stride (Wilt-resistant).....	.30	2.50	22.50
Improved Gradus or World's Record.....	.30	2.50	22.50

PEAS—Continued

	1 to 5 lbs. per lb.	10 lbs.	100 lbs.
Laxtonian.....	\$0.30	\$2.50	\$22.50
Laxton's Progress.....	.30	2.50	22.50
Little Marvel.....	.30	2.50	22.50
Nott's Excelsior. One of the best earlies.....	.30	2.50	22.50
Telephone. Improved.....	.30	2.50	22.50
Thomas Laxton.....	.30	2.50	22.50

PEPPER

	¼ oz.	Oz.	¼ lb.
Bullnose (Hot).....	\$0.30	\$0.50	\$1.50
California Wonder.....	.45	.85	2.50
Cayenne, Long red.....	.30	.50	1.50
Chinese Giant.....	.40	.70	1.80
EARLY CALIFORNIA WONDER.....	.45	.85	2.50
Golden California Wonder.....	.55	1.85	3.00
Harris Giant.....	.40	.65	1.70
Hungarian Hot.....	.40	.65	1.70
HUNGARIAN SWEET.....	.55	1.00	3.00
Illinois F5.....	.60	1.00	3.00
King of the North.....	.35	.65	1.70
Magnum Dulce.....	.35	.65	1.60
Patrick Henry. (Very early 3-4 lobed green peppers).....	.50	1.00	3.00
Perfection Pimiento.....	.45	.75	2.00
Red Chili.....	.35	.60	1.60
Roumanian (Sweet).....	.50	1.00	3.00
Hungarian Block Type (Hot).....	.65	1.25	3.70
Ruby King.....	.40	.65	1.60
Sunnybrook, (Tomato shaped Pimiento).....	.45	.75	2.00
Sweet Mountain.....	.35	.65	1.60
Windsor "A".....	.40	.65	1.80
Worldbeater.....	.40	.65	1.70

SWEET POTATOES

Sweet Potatoes will be shipped from our grower in Southern Illinois, all by express at purchaser's expense. We offer: Yellow Jersey, Nancy Hall or Porto Rico at \$6.00 per bushel. In addition we offer the very fine new Murff's Bush type of Sweet Potato at \$8.50 per bushel.

SWEET POTATO PLANTS will be ready for shipment about April 15th in the southern districts, May 15th in the northern districts and will be shipped from our grower in Southern Illinois. We offer: Yellow Jersey, Nancy Hall and Porto Rico at 1,000 plants for \$7.00, and the Murff Bush type at \$8.00, by express purchaser's expense.

PUMPKIN

	Oz.	¼ lb.	Lb.
Cushaw, Golden.....	\$0.15	\$0.45	\$1.25
Cushaw, Striped.....	.15	.45	1.25
Cushaw, White.....	.15	.45	1.25
Kentucky Field.....	.15	.35	1.00
Large Cheese.....	.15	.35	1.00
Large Connecticut Field or Big Tom.....	.15	.45	1.25
Vaughan's Mammoth Prize.....	.25	.75	1.90
Vaughan's Small Sugar Pie.....	.15	.45	1.25
Winter Queen or Winter Luxury.....	.25	.65	1.50

RADISH

	¼ lb.	Lb.	10 lbs. per lb.	100 lbs. per lb.
Cavalier.....	\$0.40	\$1.10	\$1.00	\$0.80
CHERRY BELLE (Michigan grown—A Vaughan Specialty).....	.45	1.10	1.00	.80
Cincinnati Market. Long scarlet.....	.35	1.00	.90	.80
Crimson Giant Forcing.....	.35	1.00	.90	.80
Early Long Scarlet Short Top.....	.35	1.00	.90	.80
Early Scarlet Globe (Medium top).....	.35	1.00	.90	.80
Early Scarlet Globe. (Short top).....	.40	1.10	1.00	.80
Improved French Breakfast.....	.35	1.00	.90	.80
Scarlet Turnip, White Tip (Sparkler).....	.35	1.00	.90	.80
White Icicle. The earliest long white.....	.35	1.00	.90	.80
White Strassburg.....	.35	1.00	.90	.80

Winter Varieties

	¼ lb.	Lb.	10 lbs. per lb.
California Mammoth White.....	.45	1.35	1.25
Chinese Mammoth or Celestial.....	.45	1.35	1.25
Long Black Spanish.....	.45	1.35	1.25
Rose or Scarlet China Winter.....	.45	1.35	1.25
Round Black Spanish.....	.45	1.35	1.25

These Prices Subject to Change Without Notice.

RHUBARB

	Oz.	¼ lb.	Lb.
Mammoth.....	\$0.25	\$0.65	\$2.00
Victoria.....	.25	.65	2.00

RHUBARB ROOTS

	Ea.	10	100
Canadian Red—divisions.....	\$0.50	\$4.50	\$40.00
McDonald—divisions.....	.40	3.50	30.00
Victoria, 1-1½ in.	1,000, \$75.00	1.50	8.50

HORSE RADISH

Per 100, \$1.75; per 1,000, \$15.00; 5,000, per 1,000, \$14.00.

SALSIFY

	Oz.	¼ lb.	Lb.
Mammoth Sandwich Island.....	\$0.50	\$1.50	\$4.50

SORREL

Broad Leaved.....	.45	1.35	4.00
Narrow Leaved.....	.45	1.35	4.00

SPINACH

	Lb.	10 lbs. per lb.	100 lbs. per lb.	500 lbs. per lb.
AMERICAN. (Silver Medal All America 1952). An extremely long standing Bloomsdale type.....	\$0.75	\$0.70	\$0.65	\$0.60
Antvorskov (King of Denmark).....	.50	.45	.40	.35
Bloomsdale Dark Green.....	.50	.45	.40	.35
Long Standing Bloomsdale Savoy.....	.50	.45	.40	.35
Old Dominion.....	.50	.45	.40	.35
Viking.....	.50	.45	.40	.35
Virginia, Blight-Resistant.....	.50	.45	.40	.35

SWISS CHARD

	Oz.	¼ lb.	Lb.
Dark Smooth, Broad white rib.....	\$0.15	\$0.50	\$1.50
Giant Fordhook.....	.15	.50	1.50
Lucullus.....	.15	.50	1.50
Rhubarb.....	.25	.75	2.50

SQUASH

Banana.....	.25	.65	1.75
Blue Hubbard.....	.25	.65	1.75
BLUE HUBBARD SPECIAL.....	.30	1.00	3.00
Boston Marrow.....	.15	.35	1.00
Buttercup.....	.45	1.35	4.00
BUTTERNUT (Resistant to stem borer).....	.45	1.35	4.00
Caserta.....	.50	1.50	4.50
Chicago Warty Hubbard.....	.25	.65	1.75
Cocozelle.....	.25	.65	1.75
Delicious.....	.25	.65	1.75
Giant Summer Crookneck, Yellow.....	.20	.50	1.40
Golden Hubbard.....	.25	.65	1.75
Improved Table Queen or Jumbo.....	.25	.65	1.65
Italian Marrow Zucchini, Black or Dark Green.....	.25	.65	1.65
Italian Marrow Zucchini, Gray or Light Green.....	.25	.65	1.65
Kitchenette Small Hubbard.....	.25	.70	2.00
Mammoth Chili.....	.25	.70	2.00
Improved Hubbard, Extra select.....	.25	.65	1.75
Prolific Straightneck.....	.25	.65	1.75
Sweet Potato.....	.25	.65	1.75
Jeonnn. All America gold medal winner 1950 (Bush Acorn).....	.50	1.50	4.50
Vegetable Marrow (White English).....	.25	.65	1.75
Warren Turban Special.....	.35	1.10	3.50
White Bush Mammoth.....	.25	.60	1.65
Yellow Summer Crookneck.....	.20	.50	1.40

TOMATO
HYBRIDS

VAUGHAN'S EARLY HYBRID (Ideal for early market).....	7.50	25.00	75.00
VAUGHAN'S HYBRID (excellent 5 ounce midseason red for home garden).....	7.50	25.00	75.00

TOMATO—Continued
STANDARD TYPES

	Oz.	¼ lb.	Lb.
Beauty. Midseason Pink.....	\$0.65	\$2.00	\$6.00
Bonny Best, Certified.....	.75	1.85	5.50
Bonny Best. Second red, called by market gardeners "yellow".....	.65	1.65	5.00
Bounty. First early, red.....	.75	2.20	6.50
Crimson Cushion or Beefsteak. Medium late, red, very large.....	.85	2.50	7.50
Dwarf Champion. Medium late pink.....	.75	2.25	6.50
Dwarf Stone. Mid-season red.....	.80	2.35	7.00
Earliana. Earliest red.....	.75	2.35	7.00
Firesteel. A good very early dry weather type.....	.85	2.25	6.50
GARDEN STATE.....	.60	1.85	5.50
Giant Tree or Italian Potato Leaved. (Extremely large high quality pink). ½ oz. \$1.75.....	3.50	12.00	35.00
Golden Ponderosa.....	1.00	3.00	9.00
John Baer. A first early red.....	.60	1.85	5.50
John Baer, Certified.....	.65	2.00	6.00
Jubilee. Mid-season, yellow globe.....	.85	2.25	6.75
June Pink. Second-early pink.....	.65	2.00	5.75
Livingston's Globe. Mid-season pink.....	.85	2.25	6.75
Oxheart. Pink.....	1.00	3.50	10.00
Ponderosa. One of largest mid-season pink... ..	.85	2.50	7.50
QUEEENS. A new red selected from Valiant and Rutgers, cross combining early maturity with heavy yield.....	2.00	6.00	18.00
Stokesdale.....	.60	1.85	5.50
Stokesdale, Certified.....	.65	2.00	6.00
Stone, Improved. Medium early red.....	.50	1.50	4.50
Valiant.....	.75	2.25	6.50
Wisconsin No. 55. Certified.....	.75	2.25	6.50

Resistant Varieties

Break O'Day. Certified.....	.75	1.85	5.50
Break O'Day. Red.....	.65	1.65	5.00
Marglobe. Certified.....	.65	1.65	5.00
Pritchard. Certified.....	.65	1.65	5.00
RUTGERS. Certified.....	.65	1.65	5.00

Forcing Sorts

	Pkt.	Oz.	Lb.
Livingston's Globe. Pink.....	\$0.25	\$2.50	....
Michigan State. Red.....	.25	2.50	....

SMALL FRUITED TOMATOES

	Oz.	¼ Lb.	Lb.
Ground Cherry.....	\$0.65	\$2.00	\$6.00
ITALIAN CANNER.....	.75	2.50	7.50
Red Plum.....	.75	2.50	7.50

TURNIP

	Lb.	5 lbs. per lb.	25 lbs. per lb.
Early Extra Purple Top Milan.....	\$1.00	\$0.90	\$0.85
Early White Milan. Earliest of all.....	1.00	.90	.85
Purple Top Strap Leaf.....	1.00	.90	.85
Purple Top White Globe.....	1.00	.90	.85
Seven Top.....	.75	.70	.65
Shogoin or Foliage Turnip.....	.75	.70	.65
White Egg.....	1.00	.90	.85

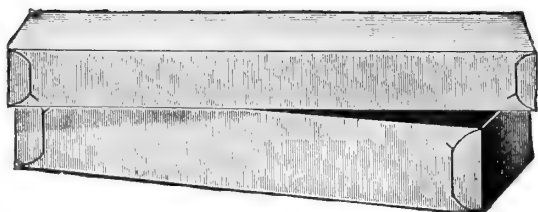
RUTABAGA OR SWEDE

Laurentian.....	1.00	.90	.85
Vaughan's American Purple Top Improved.....	1.00	.90	.85

These Prices Subject to Change Without Notice.

Supplies for the Florist Shop

CUT FLOWER BOXES



Cut Flower Boxes Mist Green. Shallow covers. 2 piece box, wide creases, die cut corners, water-proofed green tint on inside. Sturdy flower boxboard. Wrapped 50 complete to a bundle.

24x5x3 1/2".....per 100, \$10.50 36x8x5".....per 100, \$22.00
30x5x3 1/2".....per 100, \$12.25 42x8x5".....per 100, \$30.00
28x8x5".....per 100, \$16.50

Corsage Boxes Mist Green. Shallow covers.

9x5x4".....per 100, \$6.25 12x5x4".....per 100, \$7.20
10x6x5 1/2".....per 100, \$7.95

Design and Bouquet Boxes Mist Green.

	Full Telescope	Shallow Lid
24x14x8", per bundle of 50	\$20.75	\$17.35
30x14x8", per bundle of 50	\$21.75	18.00
36x14x8", per bundle of 50	\$24.00	20.00

5% discount on orders for 500 or more.

Printing at \$4.50 per 1000 or less for one color ink. Write for prices on white glazed boxes. They are made from coated board but have a laminated sheet of high gloss paper.



CARNATION PACK. Your carnations deserve proper packing. Price 1,000, \$32.50; 5,000 for \$152.50; 10,000 for \$285.00; 50,000 for \$1287.50. Sold only in original cartons of a full 1,000. Printing 1 color \$3.75 per 1,000 extra. 10,000 or more printed 1 color free.



CELLOPHANE BAGS

Most popular sizes for corsage use No. 300 moisture proof and regular square top.

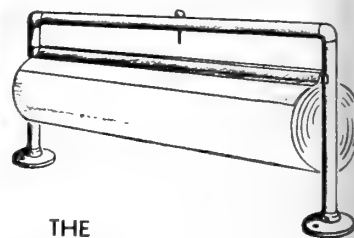
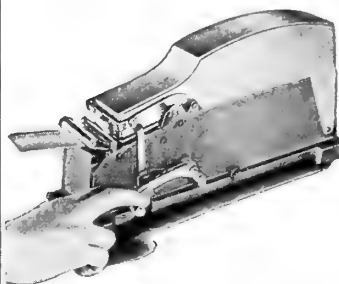
	Packing per Carton	Weight	Price per 1,000
4" x 2 3/4" x 9"	1000	10 Lbs.	\$11.25
5 1/2" x 3 1/4" x 12"	1000	16 Lbs.	17.75
5" x 5" x 14 3/4"	1000	22 Lbs.	27.50

We do not break cartons.

Florist-Foil. Colored aluminum foil used for pot covers, etc. Rolls 20 inches wide. Colors, violet, silver, gold, green, red, purple, fuchsia, pastelgreen, pastel blue, black and blue. Per 50-ft. roll, \$1.45; 10 rolls for \$13.50.

Polka Dot Embossed Florist Foil. In all colors. Rolls 20 inches wide, 50 feet long, each, \$1.60, 10 rolls, \$15.00.

PAPER CUTTERS CLIPPER TYPE. One of the finest paper cutters made. 24" each, \$6.25; 30" or 36", \$6.50 each.



THE CLIPPER

AUTOMATIC PACKAGE SEALER. Simplex Model 10. Equipped with Automatic Pressure Control. Fast, easy, all-automatic action. A touch of the fingertips on the featherweight control lever automatically feeds, moistens, cuts off and delivers the tape strip-instantly. No sticky fingers, no splashing water to soil the package. Tape is conditioned to grab fast and hold securely to produce a smooth, neat, safe seal. Attractive in appearance and quiet in performance. Price, \$21.90.

GUMMED TAPE. 1 1/2 inch wide; 500 ft. to roll. 10 rolls for \$6.00; bundle of 20 rolls, \$10.25.

PAPER—WRAPPING, TISSUE, WAX

FLORIST WRAPPING PAPER. Green Say It With Flowers. Distinctive wrapping paper created for exclusive use of florists. Its extra strength and pliability insure neat appearing packages. The rich two-tone floral background and distinctive floral slogan makes every package wrapped in Floral Wrap an attractive package. Price per lb. 29c; 5 roll lots, 28c lb.

24" roll weighs approximately 35 lbs. 30" roll weighs approximately 47 lbs. 36" roll weighs approximately 57 lbs.

BROWN KRAFT WRAPPING PAPER. In rolls 24 inch, 30 inch and 36 inch. Price per lb., 18c.

Prices on Paper Subject to Market Changes.

Pure White Glazed Florist Tissue. The best grade white glazed 11 lb. basis. 24x36 inches, F. O. B. Chicago, ream (480 sheets), \$3.50; 10 reams (4,800 sheets), \$33.50; F. O. B. New York, ream (480 sheets), \$3.35; 10 reams (4,800 sheets), \$32.50.

White Wax. Medium, 24x36 inches; F. O. B. Chicago, 480 sheets, \$3.45; F. O. B. New York, 480 sheets, \$3.95.

Green Wax. Beautiful shade light green, 24x36 inches, F. O. B. Chicago, 480 sheets, \$3.50; F. O. B. New York, 480 sheets, \$4.00.

Green Wax Tissue Rolls 3". Handy wax tissue for all types of wire designs. Prices per box of 12 rolls, \$3.60.



Waterproof Crepe Paper. In green, pink, lavender, yellow, purple; per roll, 45c; 12 rolls for \$5.04; 50 rolls for \$19.50.



Scotch Cellulose Tape Trans-
parent $\frac{1}{2}$ wide x 2592 inches, price
per roll, \$1.64; 12 rolls at \$1.48 per
roll, 48 rolls per roll, \$1.32.

Scotch Cellulose Tape Dispenser.
Desk size, each, \$1.70; heavy duty,
each, \$2.50; weight, 8 lbs.

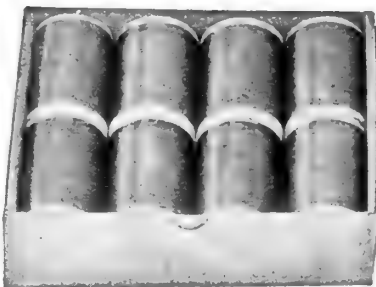
Colored Scotch Cellulose Tape $\frac{1}{2}$
inch wide x 2592 inches. Per roll,
\$1.95; 6 rolls, per roll \$1.78. Avail-
able in the following colors: Red,
Blue, Green, Orange, Yellow, White
and Silver.

WINE "The Queen" White Cotton Twine. 3 or 4-ply. Put up
in 5-lb. sacks, 30 balls to a sack, \$5.25; 5 bags for \$24.75.

Write or prices on larger quantities.

Florists' Thread, Green.
Best brand. Similar to
Silkline, 8 spools to a
box. Per lb. box, \$1.95;
10 boxes for \$18.50.

Green Twine. Used for
wrapping small packages
—also for spray and
design work. Put up in
balls. 1-lb.
box, \$1.45.
5 boxes at
\$1.40 per
box.



Green Twine. 2 lbs., per cone, \$2.85; 3 cones
for \$8.25.

HYACINTH STAKES (Matchsticks)

Green. 12 in. per 1,000, \$4.00; per
case of 6,000, \$23.40. 15 in. per 1,000,
\$4.35; per
case of 6,000,
\$25.40. 18 in.
per 1,000,
\$4.70; per
case of 6,000,
\$26.70.



WIRED PICKS.

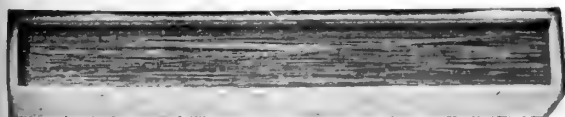
2 1/2-inch Plain, case of 50,000,	\$20.95.....	Box of 10,000	\$4.30
3 -inch Green, case of 40,000,	27.95.....	Box of 8,000	5.95
4 -inch Green, case of 10,000,	10.75.....	Box of 4,500	5.45
6 -inch Green, case of 10,000,	13.95.....	Box of 3,000	4.30

UNWIRED PICKS.

4-inch Green.....	Box of 4,000	\$2.40
6-inch Green.....	Box of 3,000	2.40

GREEN ENAMELED FLORIST CUT WIRE. 18 inch lengths,
12 lbs. to a box.

Gauge	Per box	Case of 6 boxes	Gauge	Per box	Case of 6 boxes.
18	\$3.15	\$18.60	22	3.75	21.90
20	3.40	19.80	24	4.50	26.10
21	3.50	20.80	26	5.30	31.20



WIRE. (Prices subject to change).
Florist Wire on 12-lb. coils.

No. 18.....	\$2.15
No. 20.....	2.25
No. 22.....	2.50
No. 24.....	2.70
No. 26.....	2.95
No. 28.....	3.25

FLORISTS' CUT WIRE. Clean,
extra soft white wire, cut in 12 or
18-inch lengths, 12 lbs. to box.

No. 18	20	21	22	24	26
\$2.20	\$2.40	\$2.50	\$2.65	\$3.20	\$3.60

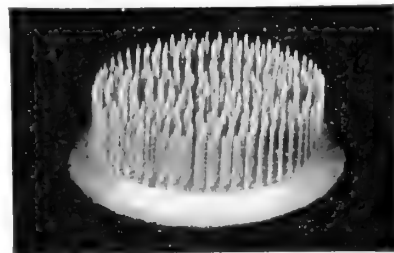
GALVANIZED BENCH WIRE. Used for stringing benches in Car-
nation and Rose houses. No. 14, 100-lb. coil, \$13.75; No. 16,
100-lb. coil, \$14.75. No. 18, 100-lb. coil, \$16.75, minimum order
50 lbs.

PIN FLOWER HOLDERS

Solid Brass Needlepointed
nails.

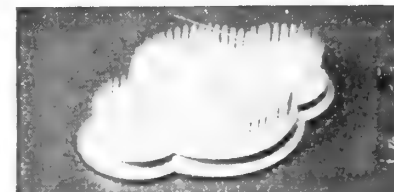
Closely cast in heavy lead
alloy base. Guaranteed not
to rust. Sprayed with
aluminum metallic paint.

Size of Base	Price
No. Round Style Per Doz.	
25-R 1 3/4"	\$2.25
40-R 2 3/8"	4.00
50-R 2 5/8"	4.80
80-R 3"	7.20
100-R 3 1/2"	8.40



Three-in-one
Oval style

60-O 2 1/4"x3 1/2"	\$5.40
75-O 2 1/2"x3 3/8"	7.00
150-O 3 3/8"x5"	12.60



STRING-KING WIRE WINDER GREENHOUSE

MAGIC. Time and labor saver. Will lay wire
over an entire bench in 20 minutes. Lightweight,
easily carried from bench to bench. Saves as much
as two hours time on every bench where wire is
strung. Write for literature and instructive
bulletin. Price each, \$28.50

AQUA PIN. Plastic, heart shaped vase. Per box
of 3 dozen, \$4.50; per gross, \$17.00.

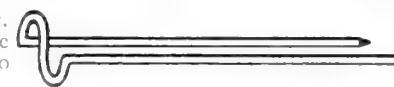


BULL DOG CLIPS. The clip with the grip. Per
box of 1,000 clips, 75c; 10 boxes for \$7.00

Prices Subject to Change Without Notice.

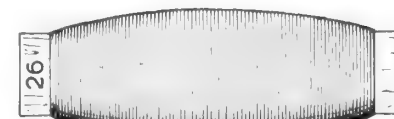
FERN PIN. New Philly.

The bend holds the
leaves firmly; easier to
handle. Per box, \$3.75.

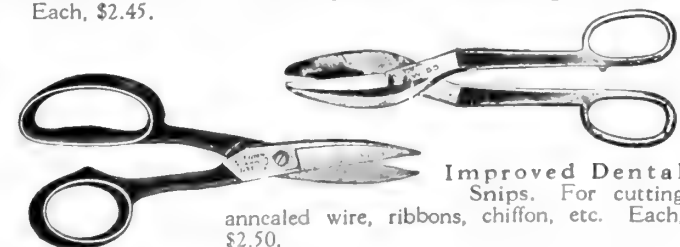


MALINS EXTRA SOFT FLORAL BINDING WIRE.

These sticks fit the
hand. Handy for tying
sprays, bunting, wreaths,
etc. Put up in boxes of 20-1/4 lb. sticks, total weight per box 5 lbs.
#22, \$2.15 per box; #24, \$2.60 per box; #26, \$2.85 per box; #28,
\$3.50 per box; #32, \$4.15 per box and #36, \$6.15 per box.



FLORISTS' SNIPS (Especially suitable for cutting wire, etc.)
Each, \$2.45.



**Improved Dental
Snips.** For cutting

annealed wire, ribbons, chiffon, etc. Each,
\$2.50.

Wreath and Bouquet Materials

Ribbons and Chiffons

We offer only the best grades especially adapted for Florists' use, but can also supply other grades not listed.



Pattern Alita No. 5. A fine quality ribbon, excellent for tying mats and crepe paper around pots, also used for making bows, baskets and wreath work. Can also be used for corsages. Comes in all colors. 50 yard bolt Each \$1.25. Box of 20 bolts for \$23.00.

Pattern Alita No. 3. Corsage ribbon in all colors. 50 yard bolt Each \$1.00. Box of 20 bolts for \$18.00.

Pattern Empire No. 5. A good quality pot tie ribbon. 50 yard bolt, Each \$1.10. Per box of 20 bolts \$20.00.

SHOWER RIBBON Pattern Glamour No. 2. Embossed edge best quality satin shower and corsage ribbon. Comes in white and pink. 50 yard bolt, each, 95c. 10 bolts for \$9.00.

Pattern Glamour No. 3. Finest quality corsage ribbon. 50 yard bolt, each \$1.10. 10 bolts for \$10.00.

No. 5. 50 yard bolt, each, \$1.45. 10 bolts for \$13.50



Corsage Pins. Pearl heads, finest made, assorted colors. Per gross, \$1.15; 10 gross for \$9.75.

Metaline. A fine quality spray ribbon. Assorted patterns in popular colors. Price per 40 yd. bolt, \$1.95; 10 bolts for \$18.50.

Tinsel Ribbons. Silver or gold No. 2 width per bolt \$1.30; 5 bolts for \$6.25; No. 3 width per bolt \$1.50; 5 bolts for \$7.00.

No. 1 1/2 Baby Ribbon. Any color. Spool of 100 yards, \$1.50, doz., \$16 80.

Ribbonzene Crinkle Baby Ribbon No. 1. For tying cards. All colors. 500-yard spool, \$1.35; 10 spools, \$12.50.

MOSS FILLED WREATHS AND DESIGNS

Machine made Sphagnum Moss filled designs always ready to use. NET Prices.



Spray Bars

3 1/2 ins. wide, 2 ins. thick	Length Each	Length Each
8 ins...	\$0.22	18 ins... \$0.39
10 ins...	.25	20 ins... .43
12 ins...	.27	22 ins... .47
14 ins...	.29	24 ins... .50
16 ins...	.33	30 ins... .55

Spray Bars

4 1/2 ins. wide, 2 1/2 ins. thick	Length Each	Length Each
18 ins...	\$0.56	36 ins... \$0.92
24 ins...	.67	42 ins... 1.04
30 ins...	.81	48 ins... 1.14

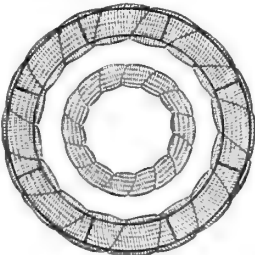
Spray Bars

6 ins. wide, 2 1/2 ins. thick	Length Each	Length Each
24 ins...	\$0.82	42 ins... \$1.23
30 ins...	.93	48 ins... 1.55
36 ins...	1.06	

Crosses

Size	Each	Size	Each
18-in...	\$0.71	30-in...	\$1.29
20-in...	.79	33-in...	1.45
22-in...	.88	36-in...	2.03
24-in...	.99	42-in...	2.82
27-in...	1.11	48-in...	3.28

Prices subject to change without notice



Wreaths

Size	Each	Size	Each
10-in...	\$0.35	24-in...	\$0.94
12-in...	.41	27 in ...	1.18
14-in...	.49	30-in...	1.50
16-in...	.58	33-in...	...
18-in...	.66	36-in...	...
20-in...	.76	42-in...	...
22-in...	.83	48-in...	...

We have a limited supply of wire designs, wire baskets, easels and wreaths, and will fill orders while the supply lasts.

GRASS MATS—Raffia. Green finest quality 36 inches wide 72 inches long. Each \$4.25. Three for \$12.25.

GYPSOPHILA (Baby's Breath). Pure white double Colorado grown, large fluffy bunches. No florist should be without this handy fill-in for floral work or baskets. Price, per bunch, 95c; 10 bunches for \$9.00.

COLORED GYPSOPHILA. Rose-pink, orange, Nile green, yellow, blue, and violet. Per bunch, \$1.75; 5 bunches for \$8.25.



OAK SPRAY



GYPSOPHILA

OAK BRANCHES, Prepared, Brown, Red and Green.

Prices	Short	Long
10 lbs.	\$3.50	\$3.75
25 lbs.	8.50	7.25

Specify color when ordering.

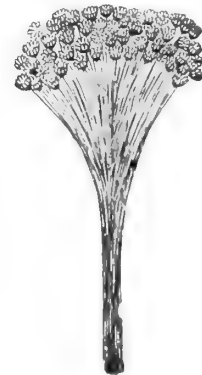
LYCOPODIUM.

Prepared. 10 lbs. to carton, \$3.35; 25-lb. carton, \$8.00.

STATICE NATURAL

WHITE. Used extensively in Wreaths and Baskets. Natural per lb., 95c; 10 lbs. for \$8.00.

Write for prices on larger quantities.



STATICE

STAR FLOWERS (DIAMOND FLOWERS).

Small natural dried flowers, dyed in a variety of colors, suitable for all kinds of floral and decorating work. Can be had in the following colors, red, green, pink, yellow, dark blue, light blue, purple, lavender, orange, cerise, brown, dubonnet, orchid, salmon, autumn color and natural white. Packed 1 oz. to bunch, 16 bunches or 1 lb. to carton. Per carton, \$3.25.

No. 610 WAX PAPER ROSES. Natural imitation, on short wire stem; colors, red, pink, white, yellow. Packed 200 to box. Per box, \$8.00.

No. 9C WAXED CARNATIONS. Natural imitation, on wire stem; colors, red, pink and white. Packed 200 to box. Per box, \$8.00.



WHITE WOOD ROUND BEADED EASELS. Pre-war style and quality, white wood, round beaded, enameled. Not nailed, put together with screws. Packed 12 to a carton. Packing cost, 95c per carton.

eight	Price Doz.
36 inch.....	\$ 8.65
42 inch.....	10.40
48 inch.....	11.80
54 inch.....	13.00
60 inch.....	14.20
66 inch.....	14.80
72 inch.....	15.40

Feather

GOLD SCRIPT WORDS. Gold finish. In the following inscriptions: Mother, Father, Brother, Sister, Asleep, etc.; ten words in package. Price, per package of 10 words, 15c; per 100 words, \$1.40; per 1,000 words, \$12.00.

GILT RIBBON LETTERS. Gummed. 25 letters in a package in letters A to Z, figures 1 to 9. 1 1/4 in. Per 100, 25c; per 1,000, \$2.10.

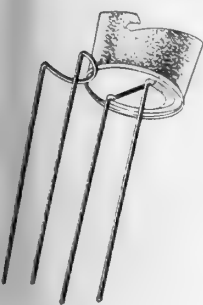
FLORIST CARDS FOR ALL OCCASIONS

Sympathy, get-well, birthday, baby, congratulations, and all holidays. Your own selection. Packed in packages of 25 of one style.

CARDS WITHOUT CABINET.

250 assorted at.....	\$1.50	1000 assorted at.....	\$3.95
500 " ".....	2.50	2000 " ".....	7.25

WHITE ENVELOPES, PLAIN. Size 2 1/2 x 4 1/4", packed 250 to a box. 250 for \$1.45, 500 for \$2.60, 1,000 for \$4.85.



FLAT BOTTOM CEMETERY VASE No. 2A

Detachable stem. Packed 3 doz. to carton. Price per carton, \$4.80; gross, \$18.00. Weight per carton, 11 lbs.

CONE SHAPED CEMETERY VASE No. 4

9 1/2 in. deep, 5 in. in diameter at top. Stem or spike is 3 in. long, made of No. 9 gauge steel. Packed 3 doz. to carton, price per carton, \$4.80; per gross, \$18.00. Weight per carton, 12 lbs.

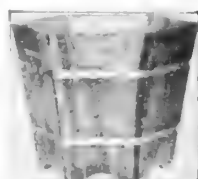
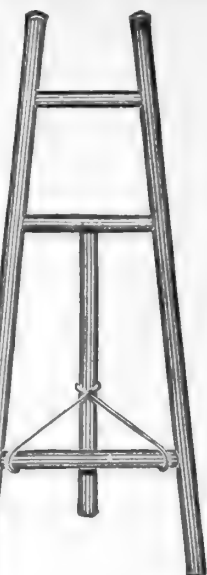


FLOWER TUBS "Richmond Style". These are made of finest fir lumber, securely bound with welded wire hoops. They are nicely painted green, paint of best oils. Florists will find them ready sellers where a substantial yet attractive tub of moderate price is required. Prices F. O. B. Chicago. Prices subject to change without notice.

Inside top Diameter	Depth Inside	Price Each	Per Doz.
7 in.....	6 in.	\$1.10	\$12.00
8 in.....	8 in.	1.20	13.20
10 in.....	9 in.	1.55	17.40
12 in.....	11 in.	2.10	23.40
14 in.....	13 in.	2.85	33.00
16 in.....	15 in.	3.50	39.60

Beautiful California Plantubs made of Redwood. For utility and beauty in any garden, impregnated with linseed oil to preserve natural beauty of wood. Rounded top and bottom edges to prevent splintering. Made of well seasoned California redwood. Bound with brass bands. Ventilation under tub. Grooved handles.

Size	Price
No. 1—12 in.	\$3.50 ea. 6 for \$18.00
No. 2—14 in.	\$4.75 ea. 6 for \$25.50
No. 3—16 in.	\$6.25 ea. 6 for \$31.50
No. 4—18 in.	\$6.65 ea. 6 for \$34.20
No. 5—20 in.	\$7.50 ea. 6 for \$37.50



JARDIERS, VASES, BOXES

Jardier Pot Covers. Popularize the potted plant—because they safeguard the appointments of the finest homes—table tops, linens, window sills—from soilage and overflowing saucers. These are inexpensive, yet take the place in beauty and service of expensive jardinieres. Save time and labor over other methods of trim.

PAPER MACHE CONTAINERS



No. 600 Wedgewood. Top opening 10 1/2 inch x 4 1/4 inch at ends, 6 1/4 inch at center. Depth 7 inches. Wide base assures stability. Wide curved ends prevent kinking and breaking stems. Very strong 30 in carton. White \$10.05 per carton

No. 800 Fantasy. Top 10 1/2 inches x 4 1/4 inches at ends, 5 3/4 inches at center. Depth, 10 inches. Attractive fantasy vase with exclusive features. Embossed panels form rectangular corners inside which prevent stems from shifting. Wide flat bottom and weighted base. 12 to carton. White, per carton \$6.00.

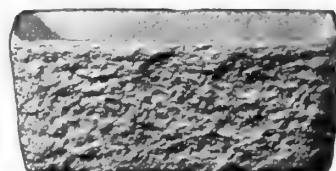
JARDIER JARDINIERS

Sizes	Top Diameter	No. per carton	Approx. wt. per carton	Price per carton
No. 4J-1	5 1/4 in.	100 white	27 lbs.	\$10.25
No. 5J-1	6 1/4 in.	90 white	46 lbs.	12.15
No. 6J-1	7 1/4 in.	60 white	44 lbs.	10.35
No. 7J-1	8 1/4 in.	40 white	37 lbs.	10.60
No. 8J Straight Side	9 1/4 in.	24 white	24 lbs.	9.60



VASES

No. 400 Rose Vase, Height 10 in., Top Diam. 5 in., per carton of 40, **White,** \$9.70 per ctn.
No. 500 Spray Vase, Height 10 in., Top Diam. 7 1/2 in., per carton of 18, **White,** \$6.66 per ctn.
No. 700 Mum Vase, Height 13 1/2 in., Top Diam. 9 1/2 in., per carton of 12, **White,** \$6.60 per ctn.



No. 4 Jardier Bulb Box

THE JARDIER BULB BOX

"Here is the final solution to bulb and plant 'box idea' and its many possibilities.

The Jardier box is absolutely waterproof. Place the soil and plants directly into the Jardier. It is the least expensive and most practical method of carrying out the beautiful box idea. Jardier Boxes are self-aerating—same as Jardier Vases—stimulating plant growth.

No. 4—White. 12 in. long, 5 in. wide, 4 1/2 in. deep. \$28.00 per 100—packed 50 per carton.

DISCOUNTS: Less 5% on orders of two or more cartons of vases, jardiers, and bulb boxes; less 7 1/2% on orders of five cases or more.

HYACINTH GLASSES (Vases). In crystal shade only. Per carton of 24 vases, \$4.00; 3 carton lots at \$3.70 per carton; 6 carton lots at \$3.60 per carton

A GOOD VARIETY OF SIZES IN THESE FLOWER VASES

And they are built right. Galvanized, hand soldered, with wire reinforcement at the top—the sides tapering so that they nest. Attractively striped in red



Galv. Vase

Style	Top Diameter	Bot
253	4 3/4 in.	3 3/8 in
255	6 1/2 in.	5 1/4 in
257	6 1/2 in.	5 1/4 in
59	6 1/2 in.	5 1/4 in
65	7 1/2 in.	6 1/2 in
66	9 in.	7 1/2 in
68	9 in.	7 1/2 in
68B	9 in.	7 1/2 in.
69	9 in.	7 1/2 in.
70	9 in.	7 1/2 in.

Price Subject to Change.



Hyacinth Glass

Ht	Price Per Doz
10 in	\$11.40
12 in	13.05
15 in	16.00
7 in	10.30
8 in	12.00
10 in	16.25
12 ¹ / ₂ in	18.55
15 ¹ / ₂ in.	19.65
18 in.	21.30
24 in	26.65

Plants, Pots and Garden Labels

ZINC TREE LABELS. For an enduring label these are unsurpassed. They last for many years. Writing is done with an ordinary lead pencil; gets plainer with age. They are copper wired and measure $3\frac{3}{4} \times \frac{3}{4}$ inch. Price per 100, \$1.95; 500 for \$9.00.

COPPER LABELS. Wired, indestructible. Per 100, \$2.25; per 1,000, \$21.00; larger size, per 100, \$2.95; per 1,000, \$27.50.

EVERLASTING

ZINC LABEL.

A permanent label; holds lead pencil marks permanently in all weather, one piece, 6 inches over all. Price per 100, 85c; 500 for \$4.00.



LABELS (Pot). We carry the best quality of Wooden Labels made. They are smooth, strong and neat, $\frac{5}{8}$ inch wide.

When ordering, specify pot labels or garden stakes, painted or plain.



Pot Label

	Packed to Carton	Plain, Per 1000	Painted Per 1000
4-inch.....	1000	\$2.75	\$3.30
5-inch.....	1000	3.00	3.60
6-inch.....	1000	3.30	4.05
8-inch.....	500	4.80	6.00
10-inch.....	500	5.80	7.10
12-inch.....	500	6.80	8.40

GARDEN LABELS

	Packed to Carton	Plain, Per 1000	Painted Per 1000
8-inch— $\frac{3}{8}$ inch wide.....	250	\$ 7.30	\$ 8.50
10-inch— $\frac{1}{2}$ inch wide.....	250	8.30	9.60
12-inch— $\frac{1}{2}$ inches wide.....	100	14.00	16.00

LABELS (Tree). Wooden, $3\frac{1}{2}$ in.

wired. Per 1,000, plain, \$3.40;

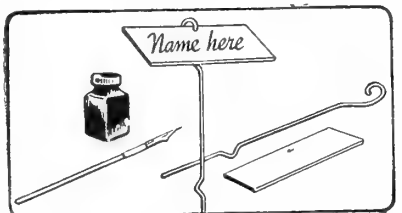
5,000 to 9,000, per 1,000, \$3.30;

painted, per 1,000, \$4.10; 5,000 to 9,000, per 1,000, \$4.05.



RAINBOW Garden Marker

is a weather-proof label of masonite, $\frac{1}{8}$ inch thick, $1\frac{1}{2} \times 3$ inches, $\frac{1}{8}$ -inch thick, coated with aluminum based water-proof paint. It is held at the right tilt to be legible from standing position, on 18 inch metal stake with swan-neck locking curve. Kit of 24 markers with ink and marking pen, \$2.50; per doz. kits, \$20.00; 24 additional markers, without pen and ink. Price, \$2.00; doz. pkgs., \$16.00.

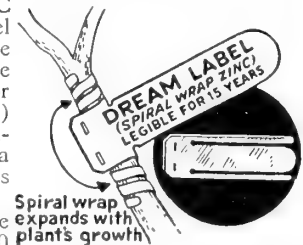


LARGE KIT. For commercial growers and nurserymen. Stake 18 in. high with larger slabs $4 \times 2\frac{1}{2}$ in. including weatherproof marking fluid and pen, per kit of 100, \$9.00.

DREAM SPIRAL WRAP ZINC LABELS.

The only permanent label that expands as the plant grows. Size $1\frac{1}{4}$ in. x 4 in. The acid etched name and full record of plant (especially for roses, azaleas, trees, shrubs, etc.) plainly legible for 15 years. Eliminates all chance of girdling. Makes a wonderful non-rusting label for pots and perennial beds.

"KIT" size, 24 4-inch LABELS, one oz. of etching ink (enough for 200 labels) and a writing applicator for \$1.00; per doz. kits, \$8.00. 50 Zinc LABELS, one oz. of Etching Ink and writing applicator for \$1.75; doz. \$14.00. 1,000 Zinc LABELS, 5 oz. bottle of Etching Ink and applicator for \$16.25.



Spiral wrap expands with plant's growth

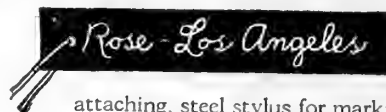
OVAL TOP PLANT MARKERS. 9 inch stamped galvanized metal, oval plate, tilted so it can be read from a standing position. Price per 100, \$5.50; 500 for \$26.00; 1000 for \$50.00.

VAUGHAN'S TRANSPARENT PERMANENT PLASTIC LABEL.

Made of the plastic "styrene," which is as transparent as glass, but unbreakable, and weather proof, this label is provided with a tilted plaque, easily read from above, on which name is written in a scripter red marking pencil. Small size, overall height 6 inches, plaque 2×4 in., doz., \$1.50; 100, \$10.00. Large size, overall length $12\frac{1}{2}$ in., plaque $2\frac{1}{2} \times 5$ in., doz. \$2.25; 100, \$15.00. Scripter red pencil, 25c.



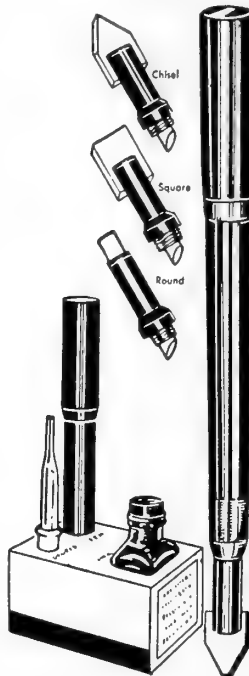
Prices subject to change without notice.



attaching, steel stylus for marking. per 100, \$3.25.



WEATHER-PROOF PENCILS. For marking labels. Will not rub off or fade. Each, 10c; doz., 85c; 6 doz., for \$4.50.



SPEEDY BRUSH PEN.

This is the new amazing brush pen. Will write or mark on porous surfaces. It can be used on wood, leather, textiles, cardboard, paper, glass, tin and cellophane. The ink dries instantly and does not smear. When ordering specify type of nib; chisel, square or round. Price each with bottle of instant drying ink \$1.75. Per dozen, \$15.00. Extra nob's at 35c each; dozen, \$2.80. Speedy Ink price, per 4 oz. bottle, 80c; 16 oz. bottle, \$2.60; 32 oz. bottle, \$4.50.



FLEXIBLE RUBBER COATED GLOVES. Made with new high tensile fabric construction and processed to provide the maximum in comfort, flexibility and wear. Coating is fully water and liquid proof. Oil and grease resistant. Provides complete hand protection against dirty, rough or harmful materials. Ideal for gardening and general work around the greenhouse, home or farm. Price per pair, \$1.00; per dozen pair, \$9.00.



GREEN THUMB GLOVES



NEW BLUETTES HOME AND GARDEN GLOVES

GREEN THUMB GLOVES. New Improved. Soft, washable for garden and house use, small, medium and large. Specify size when ordering. Price per pair, 89c; per doz. \$7.08.

NEW BLUETTES HOME AND GARDEN GLOVES. Neoprene coated elastic knit. Short fingers to fit every hand snug to the tips. Knit lining unlike old style rubber coated canvas gloves. In Small, Medium and Large sizes. Price pair, \$1.39, postpaid Doz. \$11.00; Specify sizes when ordering.



Made of imported leather processed to make it pliable as kid and washable. An ideal glove for men and women gardeners. Will outwear six cotton gloves. Sizes for women: "Small," "Medium," "Large"—for men: "Medium" and "Large." Price, \$1.50 a pair. Ladies', Doz., \$13.20. Men's, Doz., \$13.80.

AMERICAN WHITE CROSS ALL PURPOSE No. 3 +FIRST AID KIT.+

Kit should be kept handy in every greenhouse, floral shop or nursery. It contains ointment, Mercurochrome, bandages, adhesive plaster, absorbent cotton, pair small scissors, gauze, etc. Kit complete with White Cross First Aid instructions. \$1.75; 3 for \$5.00.

Plant Stakes and Supports

Wood Stakes, Green Painted

Medium weight pointed.

3 ft., per 100, \$7.75; 4 ft., per 100, \$10.95; 5 ft., per 100, \$13.95.

Wood Stakes, Green Painted, Heavy Grade

4 ft., per 100, \$16.50; 5 ft., per 100, \$21.00; 6 ft., per 100, \$24.95.

Bamboo Stakes, Plain and Green Painted.

	F. O. B. Per 100	Chicago Per 1000	Per Bale of 2000	F. O. B. Per 100	New York Per 1000
1 1/2 feet.....	\$0.90	\$ 3.75	\$ 6.25	\$0.90	\$ 3.75
2 feet.....	1.00	4.95	8.00	1.00	4.95
2 1/2 feet.....	1.15	5.95	10.50	1.15	5.95
Natural. 6 ft.....	2.50	16.50	2.50	2.50	16.50
3 feet.....	1.35	7.75	13.50	1.35	7.75
3 1/2 feet.....	1.75	9.75	16.95	1.75	9.75
4 feet.....	1.90	10.75	18.50	1.90	10.75

Write for price in bale lots

Heavy Tonkin Stakes, Natural Colors. Heavy weight bamboo. Entire stake same weight, does not taper. Ideal for roses, dahlias, young trees, etc. Just the thing for florists and nurserymen. Lasts a lifetime.

Length	Diameter	F.O.B. New York Per 100	F.O.B. Chicago Per 100
4 ft.	1/2 to 3/4 inch.....	\$ 8.50	\$ 9.00
5 ft.	1/2 to 3/4 inch.....	10.00	11.00
6 ft.	1/2 to 3/4 inch.....	11.00	12.00
7 ft.	1/2 to 3/4 inch.....	13.00	14.00

Galvanized Wire Stakes

No. 8 ga. per 1000	No. 9 ga. per 1000	No. 8 ga. per 1000	No. 9 ga. per 1000
\$25.50	\$23.25	6 ft. \$47.00	\$42.00
32.50	29.00	7 ft. \$4.50	
40.00	36.00	8 ft. 63.50	

Prices subject to change without notice.

TWIST-EMS

New handy utility plant ties, deep green color, same shade as foliage of plants. Do not break or come loose. The wire running through the center of tape makes them unbreakable and they

are not come unfastened. Tape protects stem against injury. For types of plants and other vegetable crops. Price 4 inch per 1,000, \$25.00; 5 inch per 1,000, \$27.50; 6 inch per 1,000, \$30.00; 7 inch per 1,000, \$32.50; 8 inch per 1,000, \$35.00; 10 inch per 1,000, \$37.50; 12 inch per 1,000, \$40.00; 14 inch per 1,000, \$42.50; 16 inch per 1,000, \$45.00; 18 inch per 1,000, \$47.50; 20 inch per 1,000, \$50.00; 22 inch per 1,000, \$52.50; 24 inch per 1,000, \$55.00; 26 inch per 1,000, \$57.50; 28 inch per 1,000, \$60.00; 30 inch per 1,000, \$62.50; 32 inch per 1,000, \$65.00; 34 inch per 1,000, \$67.50; 36 inch per 1,000, \$70.00; 38 inch per 1,000, \$72.50; 40 inch per 1,000, \$75.00; 42 inch per 1,000, \$77.50; 44 inch per 1,000, \$80.00; 46 inch per 1,000, \$82.50; 48 inch per 1,000, \$85.00; 50 inch per 1,000, \$87.50; 52 inch per 1,000, \$90.00; 54 inch per 1,000, \$92.50; 56 inch per 1,000, \$95.00; 58 inch per 1,000, \$97.50; 60 inch per 1,000, \$100.00; 62 inch per 1,000, \$102.50; 64 inch per 1,000, \$105.00; 66 inch per 1,000, \$107.50; 68 inch per 1,000, \$110.00; 70 inch per 1,000, \$112.50; 72 inch per 1,000, \$115.00; 74 inch per 1,000, \$117.50; 76 inch per 1,000, \$120.00; 78 inch per 1,000, \$122.50; 80 inch per 1,000, \$125.00; 82 inch per 1,000, \$127.50; 84 inch per 1,000, \$130.00; 86 inch per 1,000, \$132.50; 88 inch per 1,000, \$135.00; 90 inch per 1,000, \$137.50; 92 inch per 1,000, \$140.00; 94 inch per 1,000, \$142.50; 96 inch per 1,000, \$145.00; 98 inch per 1,000, \$147.50; 100 inch per 1,000, \$150.00; 102 inch per 1,000, \$152.50; 104 inch per 1,000, \$155.00; 106 inch per 1,000, \$157.50; 108 inch per 1,000, \$160.00; 110 inch per 1,000, \$162.50; 112 inch per 1,000, \$165.00; 114 inch per 1,000, \$167.50; 116 inch per 1,000, \$170.00; 118 inch per 1,000, \$172.50; 120 inch per 1,000, \$175.00; 122 inch per 1,000, \$177.50; 124 inch per 1,000, \$180.00; 126 inch per 1,000, \$182.50; 128 inch per 1,000, \$185.00; 130 inch per 1,000, \$187.50; 132 inch per 1,000, \$190.00; 134 inch per 1,000, \$192.50; 136 inch per 1,000, \$195.00; 138 inch per 1,000, \$197.50; 140 inch per 1,000, \$200.00; 142 inch per 1,000, \$202.50; 144 inch per 1,000, \$205.00; 146 inch per 1,000, \$207.50; 148 inch per 1,000, \$210.00; 150 inch per 1,000, \$212.50; 152 inch per 1,000, \$215.00; 154 inch per 1,000, \$217.50; 156 inch per 1,000, \$220.00; 158 inch per 1,000, \$222.50; 160 inch per 1,000, \$225.00; 162 inch per 1,000, \$227.50; 164 inch per 1,000, \$230.00; 166 inch per 1,000, \$232.50; 168 inch per 1,000, \$235.00; 170 inch per 1,000, \$237.50; 172 inch per 1,000, \$240.00; 174 inch per 1,000, \$242.50; 176 inch per 1,000, \$245.00; 178 inch per 1,000, \$247.50; 180 inch per 1,000, \$250.00; 182 inch per 1,000, \$252.50; 184 inch per 1,000, \$255.00; 186 inch per 1,000, \$257.50; 188 inch per 1,000, \$260.00; 190 inch per 1,000, \$262.50; 192 inch per 1,000, \$265.00; 194 inch per 1,000, \$267.50; 196 inch per 1,000, \$270.00; 198 inch per 1,000, \$272.50; 200 inch per 1,000, \$275.00; 202 inch per 1,000, \$277.50; 204 inch per 1,000, \$280.00; 206 inch per 1,000, \$282.50; 208 inch per 1,000, \$285.00; 210 inch per 1,000, \$287.50; 212 inch per 1,000, \$290.00; 214 inch per 1,000, \$292.50; 216 inch per 1,000, \$295.00; 218 inch per 1,000, \$297.50; 220 inch per 1,000, \$300.00; 222 inch per 1,000, \$302.50; 224 inch per 1,000, \$305.00; 226 inch per 1,000, \$307.50; 228 inch per 1,000, \$310.00; 230 inch per 1,000, \$312.50; 232 inch per 1,000, \$315.00; 234 inch per 1,000, \$317.50; 236 inch per 1,000, \$320.00; 238 inch per 1,000, \$322.50; 240 inch per 1,000, \$325.00; 242 inch per 1,000, \$327.50; 244 inch per 1,000, \$330.00; 246 inch per 1,000, \$332.50; 248 inch per 1,000, \$335.00; 250 inch per 1,000, \$337.50; 252 inch per 1,000, \$340.00; 254 inch per 1,000, \$342.50; 256 inch per 1,000, \$345.00; 258 inch per 1,000, \$347.50; 260 inch per 1,000, \$350.00; 262 inch per 1,000, \$352.50; 264 inch per 1,000, \$355.00; 266 inch per 1,000, \$357.50; 268 inch per 1,000, \$360.00; 270 inch per 1,000, \$362.50; 272 inch per 1,000, \$365.00; 274 inch per 1,000, \$367.50; 276 inch per 1,000, \$370.00; 278 inch per 1,000, \$372.50; 280 inch per 1,000, \$375.00; 282 inch per 1,000, \$377.50; 284 inch per 1,000, \$380.00; 286 inch per 1,000, \$382.50; 288 inch per 1,000, \$385.00; 290 inch per 1,000, \$387.50; 292 inch per 1,000, \$390.00; 294 inch per 1,000, \$392.50; 296 inch per 1,000, \$395.00; 298 inch per 1,000, \$397.50; 300 inch per 1,000, \$400.00; 302 inch per 1,000, \$402.50; 304 inch per 1,000, \$405.00; 306 inch per 1,000, \$407.50; 308 inch per 1,000, \$410.00; 310 inch per 1,000, \$412.50; 312 inch per 1,000, \$415.00; 314 inch per 1,000, \$417.50; 316 inch per 1,000, \$420.00; 318 inch per 1,000, \$422.50; 320 inch per 1,000, \$425.00; 322 inch per 1,000, \$427.50; 324 inch per 1,000, \$430.00; 326 inch per 1,000, \$432.50; 328 inch per 1,000, \$435.00; 330 inch per 1,000, \$437.50; 332 inch per 1,000, \$440.00; 334 inch per 1,000, \$442.50; 336 inch per 1,000, \$445.00; 338 inch per 1,000, \$447.50; 340 inch per 1,000, \$450.00; 342 inch per 1,000, \$452.50; 344 inch per 1,000, \$455.00; 346 inch per 1,000, \$457.50; 348 inch per 1,000, \$460.00; 350 inch per 1,000, \$462.50; 352 inch per 1,000, \$465.00; 354 inch per 1,000, \$467.50; 356 inch per 1,000, \$470.00; 358 inch per 1,000, \$472.50; 360 inch per 1,000, \$475.00; 362 inch per 1,000, \$477.50; 364 inch per 1,000, \$480.00; 366 inch per 1,000, \$482.50; 368 inch per 1,000, \$485.00; 370 inch per 1,000, \$487.50; 372 inch per 1,000, \$490.00; 374 inch per 1,000, \$492.50; 376 inch per 1,000, \$495.00; 378 inch per 1,000, \$497.50; 380 inch per 1,000, \$500.00; 382 inch per 1,000, \$502.50; 384 inch per 1,000, \$505.00; 386 inch per 1,000, \$507.50; 388 inch per 1,000, \$510.00; 390 inch per 1,000, \$512.50; 392 inch per 1,000, \$515.00; 394 inch per 1,000, \$517.50; 396 inch per 1,000, \$520.00; 398 inch per 1,000, \$522.50; 400 inch per 1,000, \$525.00; 402 inch per 1,000, \$527.50; 404 inch per 1,000, \$530.00; 406 inch per 1,000, \$532.50; 408 inch per 1,000, \$535.00; 410 inch per 1,000, \$537.50; 412 inch per 1,000, \$540.00; 414 inch per 1,000, \$542.50; 416 inch per 1,000, \$545.00; 418 inch per 1,000, \$547.50; 420 inch per 1,000, \$550.00; 422 inch per 1,000, \$552.50; 424 inch per 1,000, \$555.00; 426 inch per 1,000, \$557.50; 428 inch per 1,000, \$560.00; 430 inch per 1,000, \$562.50; 432 inch per 1,000, \$565.00; 434 inch per 1,000, \$567.50; 436 inch per 1,000, \$570.00; 438 inch per 1,000, \$572.50; 440 inch per 1,000, \$575.00; 442 inch per 1,000, \$577.50; 444 inch per 1,000, \$580.00; 446 inch per 1,000, \$582.50; 448 inch per 1,000, \$585.00; 450 inch per 1,000, \$587.50; 452 inch per 1,000, \$590.00; 454 inch per 1,000, \$592.50; 456 inch per 1,000, \$595.00; 458 inch per 1,000, \$597.50; 460 inch per 1,000, \$600.00; 462 inch per 1,000, \$602.50; 464 inch per 1,000, \$605.00; 466 inch per 1,000, \$607.50; 468 inch per 1,000, \$610.00; 470 inch per 1,000, \$612.50; 472 inch per 1,000, \$615.00; 474 inch per 1,000, \$617.50; 476 inch per 1,000, \$620.00; 478 inch per 1,000, \$622.50; 480 inch per 1,000, \$625.00; 482 inch per 1,000, \$627.50; 484 inch per 1,000, \$630.00; 486 inch per 1,000, \$632.50; 488 inch per 1,000, \$635.00; 490 inch per 1,000, \$637.50; 492 inch per 1,000, \$640.00; 494 inch per 1,000, \$642.50; 496 inch per 1,000, \$645.00; 498 inch per 1,000, \$647.50; 500 inch per 1,000, \$650.00; 502 inch per 1,000, \$652.50; 504 inch per 1,000, \$655.00; 506 inch per 1,000, \$657.50; 508 inch per 1,000, \$660.00; 510 inch per 1,000, \$662.50; 512 inch per 1,000, \$665.00; 514 inch per 1,000, \$667.50; 516 inch per 1,000, \$670.00; 518 inch per 1,000, \$672.50; 520 inch per 1,000, \$675.00; 522 inch per 1,000, \$677.50; 524 inch per 1,000, \$680.00; 526 inch per 1,000, \$682.50; 528 inch per 1,000, \$685.00; 530 inch per 1,000, \$687.50; 532 inch per 1,000, \$690.00; 534 inch per 1,000, \$692.50; 536 inch per 1,000, \$695.00; 538 inch per 1,000, \$697.50; 540 inch per 1,000, \$700.00; 542 inch per 1,000, \$702.50; 544 inch per 1,000, \$705.00; 546 inch per 1,000, \$707.50; 548 inch per 1,000, \$710.00; 550 inch per 1,000, \$712.50; 552 inch per 1,000, \$715.00; 554 inch per 1,000, \$717.50; 556 inch per 1,000, \$720.00; 558 inch per 1,000, \$722.50; 560 inch per 1,000, \$725.00; 562 inch per 1,000, \$727.50; 564 inch per 1,000, \$730.00; 566 inch per 1,000, \$732.50; 568 inch per 1,000, \$735.00; 570 inch per 1,000, \$737.50; 572 inch per 1,000, \$740.00; 574 inch per 1,000, \$742.50; 576 inch per 1,000, \$745.00; 578 inch per 1,000, \$747.50; 580 inch per 1,000, \$750.00; 582 inch per 1,000, \$752.50; 584 inch per 1,000, \$755.00; 586 inch per 1,000, \$757.50; 588 inch per 1,000, \$760.00; 590 inch per 1,000, \$762.50; 592 inch per 1,000, \$765.00; 594 inch per 1,000, \$767.50; 596 inch per 1,000, \$770.00; 598 inch per 1,000, \$772.50; 600 inch per 1,000, \$775.00; 602 inch per 1,000, \$777.50; 604 inch per 1,000, \$780.00; 606 inch per 1,000, \$782.50; 608 inch per 1,000, \$785.00; 610 inch per 1,000, \$787.50; 612 inch per 1,000, \$790.00; 614 inch per 1,000, \$792.50; 616 inch per 1,000, \$795.00; 618 inch per 1,000, \$797.50; 620 inch per 1,000, \$800.00; 622 inch per 1,000, \$802.50; 624 inch per 1,000, \$805.00; 626 inch per 1,000, \$807.50; 628 inch per 1,000, \$810.00; 630 inch per 1,000, \$812.50; 632 inch per 1,000, \$815.00; 634 inch per 1,000, \$817.50; 636 inch per 1,000, \$820.00; 638 inch per 1,000, \$822.50; 640 inch per 1,000, \$825.00; 642 inch per 1,000, \$827.50; 644 inch per 1,000, \$830.00; 646 inch per 1,000, \$832.50; 648 inch per 1,000, \$835.00; 650 inch per 1,000, \$837.50; 652 inch per 1,000, \$840.00; 654 inch per 1,000, \$842.50; 656 inch per 1,000, \$845.00; 658 inch per 1,000, \$847.50; 660 inch per 1,000, \$850.00; 662 inch per 1,000, \$852.50; 664 inch per 1,000, \$855.00; 666 inch per 1,000, \$857.50; 668 inch per 1,000, \$860.00; 670 inch per 1,000, \$862.50; 672 inch per 1,000, \$865.00; 674 inch per 1,000, \$867.50; 676 inch per 1,000, \$870.00; 678 inch per 1,000, \$872.50; 680 inch per 1,000, \$875.00; 682 inch per 1,000, \$877.50; 684 inch per 1,000, \$880.00; 686 inch per 1,000, \$882.50; 688 inch per 1,000, \$885.00; 690 inch per 1,000, \$887.50; 692 inch per 1,000, \$890.00; 694 inch per 1,000, \$892.50; 696 inch per 1,000, \$895.00; 698 inch per 1,000, \$897.50; 700 inch per 1,000, \$900.00; 702 inch per 1,000, \$902.50; 704 inch per 1,000, \$905.00; 706 inch per 1,000, \$907.50; 708 inch per 1,000, \$910.00; 710 inch per 1,000, \$912.50; 712 inch per 1,000, \$915.00; 714 inch per 1,000, \$917.50; 716 inch per 1,000, \$920.00; 718 inch per 1,000, \$922.50; 720 inch per 1,000, \$925.00; 722 inch per 1,000, \$927.50; 724 inch per 1,000, \$930.00; 726 inch per 1,000, \$932.50; 728 inch per 1,000, \$935.00; 730 inch per 1,000, \$937.50; 732 inch per 1,000, \$940.00; 734 inch per 1,000, \$942.50; 736 inch per 1,000, \$945.00; 738 inch per 1,000, \$947.50; 740 inch per 1,000, \$950.00; 742 inch per 1,000, \$952.50; 744 inch per 1,000, \$955.00; 746 inch per 1,000, \$957.50; 748 inch per 1,000, \$960.00; 750 inch per 1,000, \$962.50; 752 inch per 1,000, \$965.00; 754 inch per 1,000, \$967.50; 756 inch per 1,000, \$970.00; 758 inch per 1,000, \$972.50; 760 inch per 1,000, \$975.00; 762 inch per 1,000, \$977.50; 764 inch per 1,000, \$980.00; 766 inch per 1,000, \$982.50; 768 inch per 1,000, \$985.00; 770 inch per 1,000, \$987.50; 772 inch per 1,000, \$990.00; 774 inch per 1,000, \$992.50; 776 inch per 1,000, \$995.00; 778 inch per 1,000, \$997.50; 780 inch per 1,000, \$1000.00; 782 inch per 1,000, \$1002.50; 784 inch per 1,000, \$1005.00; 786 inch per 1,000, \$1007.50; 788 inch per 1,000, \$1010.00; 790 inch per 1,000, \$1012.50; 792 inch per 1,000, \$1015.00; 794 inch per 1,000, \$1017.50; 796 inch per 1,000, \$1020.00; 798 inch per 1,000, \$1022.50; 800 inch per 1,000, \$1025.00; 802 inch per 1,000, \$1027.50; 804 inch per 1,000, \$1030.00; 806 inch per 1,000, \$1032.50; 808 inch per 1,000, \$1035.00; 810 inch per 1,000, \$1037.50; 812 inch per 1,000, \$1040.00; 814 inch per 1,000, \$1042.50; 816 inch per 1,000, \$1045.00; 818 inch per 1,000, \$1047.50; 820 inch per 1,000, \$1050.00; 822 inch per 1,000, \$1052.50; 824 inch per 1,000, \$1055.00; 826 inch per 1,000, \$1057.50; 828 inch per 1,000, \$1060.00; 830 inch per 1,000, \$1062.50; 832 inch per 1,000, \$1065.00; 834 inch per 1,000, \$1067.50; 836 inch per 1,000, \$1070.00; 838 inch per 1,000, \$1072.50; 840 inch per 1,000, \$1075.00; 842 inch per 1,000, \$1077.50; 844 inch per 1,000, \$1080.00; 846 inch per 1,000, \$1082.50; 848 inch per 1,000, \$1085.00; 850 inch per 1,000, \$1087.50; 852 inch per 1,000, \$1090.00; 854 inch per 1,000, \$1092.50; 856 inch per 1,000, \$1095.00; 858 inch per 1,000, \$1097.50; 860 inch per 1,000, \$1100.00; 862 inch per 1,000, \$1102.50; 864 inch per 1,000, \$1105.00; 866 inch per 1,000, \$1107.50; 868 inch per 1,000, \$1110.00; 870 inch per 1,000, \$1112.50; 872 inch per 1,000, \$1115.00; 874 inch per 1,000, \$1117.50; 876 inch per 1,000, \$1120.00; 878 inch per 1,000, \$1122.50; 880 inch per 1,000, \$1125.00; 882 inch per 1,000, \$1127.50; 884 inch per 1,000, \$1130.00; 886 inch per 1,000, \$1132.50; 888 inch per 1,000, \$1135.00; 890 inch per 1,000, \$1137.50; 892 inch per 1,000, \$1140.00; 894 inch per 1,000, \$1142.50; 896 inch per 1,000, \$1145.00; 898 inch per 1,000, \$1147.50; 900 inch per 1,000, \$1150.00; 902 inch per 1,000, \$1152.50; 904 inch per 1,000, \$1155.00; 906 inch per 1,000, \$1157.50; 908 inch per 1,000, \$1160.00; 910 inch per 1,000, \$1162.50; 912 inch per 1,000, \$1165.00; 914 inch per 1,000, \$1167.50; 916 inch per 1,000, \$1170.00; 918 inch per 1,000, \$1172.50; 920 inch per 1,000, \$1175.00; 922 inch per 1,000, \$1177.50; 924 inch per 1,000, \$1180.00; 926 inch per 1,000, \$1182.50; 928 inch per 1,000, \$1185.00; 930 inch per 1,000, \$1187.50; 932 inch per 1,000, \$1190.00; 934 inch per 1,000, \$1192.50; 936 inch per 1,000, \$1195.00; 938 inch per 1,000, \$1197.50; 940 inch per 1,000, \$1200.00; 942 inch per 1,000, \$1202.50; 944 inch per 1,000, \$1205.00; 946 inch per 1,000, \$1207.50; 948 inch per 1,000, \$1210.00; 950 inch per 1,000, \$1212.50; 952 inch per 1,000, \$1215.00; 954 inch per 1,000, \$1217.50; 956 inch per 1,000, \$1220.00; 958 inch per 1,000, \$1222.50; 960 inch per 1,000, \$1225.00; 962 inch per 1,000, \$1227.50; 964 inch per 1,000, \$1230.00; 966 inch per 1,000, \$1232.50; 968 inch per 1,000, \$1235.00; 970 inch per 1,000, \$1237.50; 972 inch per 1,000, \$1240.00; 974 inch per 1,000, \$1242.50; 976 inch per 1,000, \$1245.00; 978 inch per 1,000, \$1247.50; 980 inch per 1,000, \$1250.00; 982 inch per 1,000, \$1252.50; 984 inch per 1,000, \$1255.00; 986 inch per 1,000, \$1257.50; 988 inch per 1,000, \$1260.00; 990 inch per 1,000,

Hot Bed Supplies, Seed Flats, Paper Pots and Bands

HOT BED MATS.

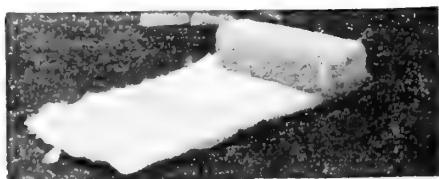
For protecting Hotbeds, made of poplin, material vat dyed and Sanforized to make them damp proof, 40x76", price each, \$6.75; dozen, \$75.00; 76x76" price each, \$8.75; dozen \$99.00.

**R-V-LITE
VITAPANE**

**VITAPANE GLASS
SUBSTITUTE.** Crystal-clear transparent, durable, glossy material. Admits over 60% ultra violet rays for green-

houses, hot and cold bed frames, hot houses, as plant protectors and everywhere glass is generally in use. Put up in 50-ft. rolls, 36 inches wide. Price per roll, \$10.25; 5-roll lots at \$8.25 per roll.

GLASS WOOL. Protection and perfect mulch for your prized Plants and Shrubs, has been proved superior to all other mulches for the winter protection of plants. A snowy white blanket composed of extremely fine glass fibres. Packed 9 rolls to a carton, 24" x 96" in size, 144 sq. ft. Price per carton, \$10.50; three cartons for \$30.00.

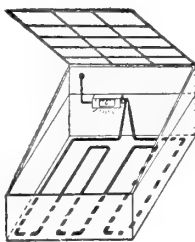


CEL-O-GLASS. Will take the place of glass in hotbed sash, unbreakable and very light in weight. Properly installed, Cel-O-Glass is guaranteed for 5 years, will not break like glass or tear like cloth, flexible, easy to handle and install. Put up in rolls 3 ft. wide up to 100 ft. long. Price per 25-ft. roll, \$10.00; 100 ft. roll, \$36.00. 28 inches wide, 100-ft. roll, \$30.50.



GRO-QUICK Electric Seed Bed Heater.

Soil heating cable and thermostat. Jr. package contains thermostat and 40 ft. 200 watt cable for 3x6 ft. hot bed or 25 square ft. of cold frame. Price \$5.95 ea.; 3 for \$16.50. Sr. package contains thermostat and 80 ft. 400 watt cable for 6x6 ft. hot bed or 50 square ft. of cold frame. Price \$6.95; 3 for \$19.30. Jr. cable only price \$1.95; Sr. cable only price \$3.65.



PANSY BASKETS

Price, 1 qt. size, 500 for \$15.00; 1000, \$28.00.

Price, 2 qt. size, 500 for \$17.00; 1,000 for \$32.00; 3 qt. size, 500 for \$18.00; 1,000 for \$34.00.



SIEVES. For sifting soil. 18 inches in diameter, all sizes mesh from 1/8 to 1/2 inch. Each, \$2.25.

SEED FLATS

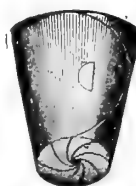
Made from clean Ponderosa Pine, knocked down, put up in bundles of ten flats each.

Inside Dimensions		Per Bundle of 10
No. 3	21 1/2 x 14 x 2 3/4 inches	\$5.20
No. 3-A	21 1/2 x 14 x 3 3/4 inches	\$5.75
No. 4	24 x 15 x 2 3/4 inches	\$5.95
No. 4-A	24 x 15 x 3 3/4 inches	\$6.45

WOOD VENEER PLANT BANDS

Used by the largest growers for vegetable plants: perennial plants, carnations, snips and stocks. For transplanting in greenhouse or outdoors.

Packed 1000 to carton	Weight per 1000	Price per 1000	Bands with Bottoms 1000
1 3/4 x 1 3/4 x 2 1/4	16 lbs.	\$4.80	\$7.50
2 x 2 x 2 1/4	16 lbs.	\$5.20	\$7.90
2 1/2 x 2 1/2 x 2 1/4	16 lbs.	\$5.20	\$7.90
2 x 2 x 3	20 lbs.	\$5.70	\$8.50
2 1/2 x 3 1/2 x 3	21 lbs.	\$6.10	\$8.70
3 x 3 x 3	32 lbs.	\$6.20	\$9.10
3 x 3 x 4	32 lbs.	\$6.20	\$9.10
4 x 4 x 4	40 lbs.	\$7.40	\$10.60



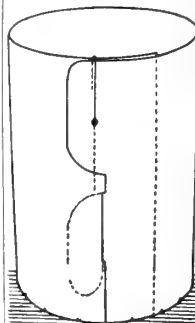
Prices on pots and bands subject to change without notice

IMPROVED NEPONSET PAPER FLOWER POTS. The famous pot with a new use. A waterproof pot that can be used for growing plants, especially in the greenhouse where they have to stand continual watering from six to eight weeks. The ideal pot for transplanting and shipping. Unbreakable and much lighter in weight.

Size, inch	Per 100	Per 1000, F.O.B. New York	Per 1000, F.O.B. Chicago	Original crates hold	Gross wt. of 1000 pots about
2	\$0.90	\$ 8.60	\$ 8.60	1,000	10 lbs.
2 1/4	.95	8.60	8.60	1,000	12 lbs.
2 1/2	1.10	8.70	8.70	1,000	16 lbs.
3	1.50	9.15	9.15	1,000	24 lbs.
3 1/2	1.65	12.20	12.20	1,000	34 lbs.
4	1.80	14.70	14.70	500	46 lbs.
5	2.50	18.15	18.15	500	75 lbs.
6	3.00	22.25	22.25	500	102 lbs.

NEW BIRD VITA-POTS. For growing and shipping, containing nutrients that are readily available as plant develops. Eliminate labor of knocking plants out of pots and repacking rootball. Eliminate handling and storage of heavy pots. Lightweight, reduces shipping charges. Also reduce damage claims.

Size	Per Case Quan.	Per Carton Ship. Wt.	Price per Carton F.O.B. N.Y.	Price per Carton F.O.B. Chi.
2 inch	1,000	14 lbs.	\$14.00	\$14.00
2 1/4 inch	1,000	16 lbs.	14.30	14.30
2 1/2 inch	1,000	22 lbs.	14.85	14.85
3 inch	1,000	28 lbs.	16.40	16.40
4 inch	500	26 lbs.	12.20	12.20
5 inch	500	44 lbs.	16.95	15.95
6 inch	500	62 lbs.	20.85	20.85



GRAY'S PLANT CONTAINER. Made with the new Safety Tongue Lock and Clip. Cut out of heavy asphalt roofing. Shipped flat in bundles of 100 which reduces your storage space requirements. These containers can be quickly and easily assembled as needed. No stitching or special equipment necessary. They are tough, strong, and durable.

Type	Height	Top Diameter	Weight Per 100	Prices Per 100	Prices Per 1,000
No. 3	5 in.	3 in.	25 lbs.	\$2.75	\$22.50
No. 5	5 1/2 in.	5 in.	35 lbs.	3.75	32.50
No. 6	6 1/2 in.	6 in.	52 lbs.	5.00	45.00
No. 7	7 1/2 in.	7 in.	78 lbs.	5.50	50.00
No. 8	8 1/2 in.	8 in.	88 lbs.	6.00	55.00
No. 12	12 in.	12 in.	170 lbs.	25.00	200.00

In quantities of 400 or more the 1000 rate applies.

BIRD GROWTH-STIMULATING PLANT BANDS

VITA-BAND D contains root growth until grower chooses to let root through Band. Only quick, slight pressure is needed to crack Band. Do not remove Vita-Band "D" when transplanting. Band disintegrates in the soil, permitting free growth of roots from time of transplant. Nutrient-treated with quickly available plant food.

VITA-BAND "D" is packed 2,000 to the case—except sizes 3" x 3", 4" x 3" and 4" x 4", which are packed 1,000 to the case. Vita-Band 10 is packed 1,000 to the case—except 4" x 3" and 4" x 4", which are packed 500 to the case.

PLANT BANDS VITA-BAND D—Prices below per 1000

1 1/2 x 1 1/2	1 3/4 x 1 3/4	2 x 2	2 x 2	2 1/2 x 2 1/2	3 x 3	4 x 4	4 x 4
x 2 1/2	x 2 1/2	x 2 1/2	x 3	x 3	x 3	x 3	x 4
\$3.75	\$4.05	\$4.55	\$5.20	\$5.95	\$6.90	\$9.10	\$11.45

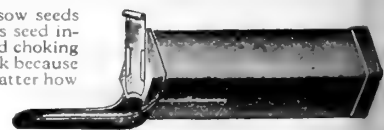
Vita Band 10. The low cost band for growing periods of approximately ten weeks. Nutrient treated with quick and constantly available plant food. Remove from plants when transplanting.

Per 1 1/2 x 1 1/2 x 2 1/2	1 3/4 x 1 3/4 x 2 1/2	2 x 2 x 2 1/2	2 x 2 x 3	2 1/2 x 2 1/2 x 3	3 x 3 x 3	4 x 4 x 3	4 x 4 x 4
1,000	\$3.60	\$3.90	\$4.40	\$4.90	\$5.85	\$6.75	\$8.85
							\$11.10

The above plant bands made of fibre-resin materials developed by extensive research work. Tested and proved under all growing conditions by successful greenhouse operators.

NEW HANDY SEEDER

This little handy seeder will sow seeds up to size of sweet peas, scatters seed individually, prevents crowding and choking of seedlings, eliminates guess work because you can see each seed drop, no matter how fine. Saves time because you can sow seeds twice as fast. Price, each, 65c, postpaid; three for \$1.80; doz., \$6.60; retails at 80c each.



VIBRA-SEEDER. A battery operated flower and vegetable seeder for commercial and home gardeners—fits palm of hand—will sow row or flat in fraction of time normally required. Operating cost one flash light battery per season. A real time, labor and seed saver. Price each, \$1.95; 12 for \$15.60.





NEPONSET "TOM THUMB" FLATS

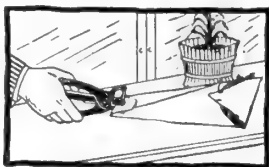
Made of heavy fibre resinous material. Easily set up. Comes in two sizes to hold either a dozen 1 3/4-inch bands or a dozen 2-inch. You will find these ideal for counter sales of bedding or vegetable plants. Price, size No. 1, \$44.70 per M; complete with 12,000 No. 10 bands, \$86.45 per M; size No. 2, \$49.60 per M; rice complete with 12,000 No. 10 bands, \$95.65 per M; f.o.b. East Walpole, Massachusetts.

NEVA-CLOG STAPLING PLIERS

Florists Save Time and Make Money with Wide-Jaw Neva-Clog Stapling Pliers.

Florists' Model S100.

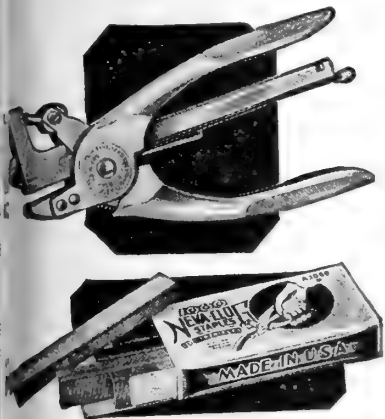
For wrapping plants and cut flowers, making up corsages, wreaths and light baskets, making paper flower pot covers, attaching delivery tags to plants and flowers, sealing seed and bulb envelopes and 101 other uses. Has 3/4-inch jaw and uses 1/4-inch and 3/8-inch staples as listed elsewhere on this page. Price, each, \$3.95; 3 for \$11.25.



STAPLES

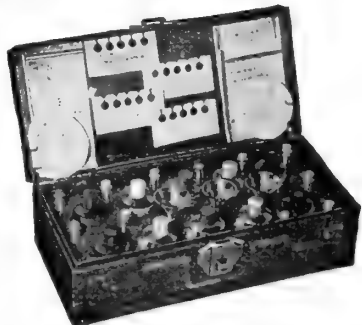
All Neva-Clog staples are sharpened at the points to make easy penetration of material. The forming is perfect and the cohering very strong to prevent strips breaking upon being handled at high speed by workman. Both lengths are 100 to a strip, 1 7/8-inch crown, 1000 to a box.

A—1000 1/4-inch legs. Per 1000, 35c
L—1000 3/8-inch legs. Per 1000, 35c
10,000 lots, per 1000, 30c
25,000 lots, per 1000, 27c
50,000 lots, per 1000, 25c



The Sudbury Horticultural Soil Test Kit, \$14.95

The Sudbury Horticultural Soil Test Kit makes instantly available the essential information you require for gardening success. With it you can make quick practical tests which will show the acidity of your soil and any possible deficiency in nitrogen, phosphorus and potash. As a result, you can avoid failure by prompt adjustment of your soil to the requirements of your plants and grasses. Sudbury Soil Test Kits are used by leading amateur and professional growers throughout the country. The Horticultural Kit contains enough material for 60 individual tests. The Sudbury Horticultural Kit, complete with instructions and table of plant needs, \$14.95.



The Sudbury Deluxe Soil Test Kit

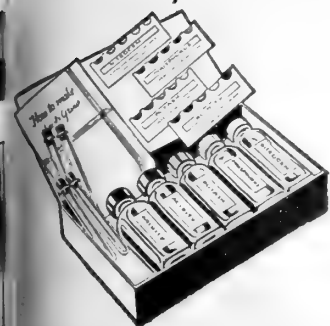
Contains enough material for 100 individual tests. Price, complete with instructions, \$29.95. Testing Fluid or Refill—Specify whether for nitrogen, phosphorus, potash, or acidity. When ordering the above, it requires No. 2 and No. 3 to make Nitrogen Tests, No. 4 and No. 5 for Phosphorus Tests and No. 6 and No. 7 to make Potash Tests, therefore when ordering, please order two numbers. 2 oz., \$1.35; 6 oz., \$2.25.

The Sudbury Home Gardener's Soil Test Kit, \$29.98

This simple, practical easy-to-use kit is your best insurance of gardening success. Made by the maker of professional field test kits used by nurserymen, growers and greenkeepers throughout the country. The Home Gardener's Kit tests for nitrogen, phosphorus, potash and acidity, giving complete information for the intelligent adjustment of your soil to the requirements of your plants and grasses. No technical skill required. Results of tests are apparent immediately.

*The Sudbury Home Gardener's Soil Kit. Complete with instructions and table of plant needs, retail at \$2.98; six for \$11.95.

New Club Model Kit. An inexpensive kit cased in attractive imitation leather; makes a wonderful gift, each, \$5.89; 3 for \$11.80.



Thermometers

THERMOMETERS. Tin Case. Standard grade (tested). 12 inches. Guaranteed accurate tin case thermometers, black oxidized metal scale, heavy magnifying easy reading tube, each, \$3.50; 3 for \$9.75; doz., \$36.00.



Taylor Utility



Tin Case



Self Registering

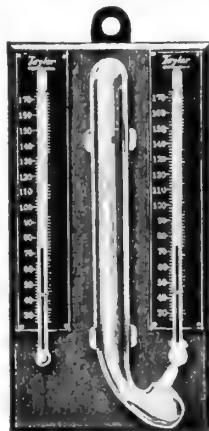


Hotbed

Self Registering Tycos. No. 5448, with magnet. 10 in. Maximum and minimum registering thermometers mounted on substantial plastic frame, guaranteed accurate, complete with magnet, each, \$10.00.

SOIL THERMOMETER TEL-TRU No. FC. 220 New type dial stem, highly recommended for measuring soil temperatures. Very accurate. Dial diameter 2 1/8 in., stem length 6 in. Registers from 0 to 220°. Price each, \$3.00; 3 for \$8.25.

Taylor Utility Thermometer. White vitreous enamel scale, black figures and graduations; easy reading red permacolor tube which will not fade; prongs on top and bottom for easy mounting, about 8 inches. Each, \$2.00; three for \$5.25; doz., \$17.50.



Hotbed (Mushrooms). All glass heavy plain, each, \$2.00; 3 for \$5.25.

No. 5532-S HUMIDIGUIDE

Permacolor tubes with magnifying lens, indoor temperature range. Scales have burnished metal figures and graduations on a polished lacquer background. Frame is mahogany bakelite with revolving humidity table and easy filling reservoir. Each in attractive box complete with spare wicks and instructions. Each, \$9.00. Wicks for Humidiguide, per dozen, \$1.50.

Standard Recording Thermometer No. 200. Furnished with daily chart

No. 3 or weekly chart No. 2. Range of temperature 20° to 120° F. Price, \$60.00.



NEW MAXIMUM AND MINIMUM THERMOMETER. Model No. 5321. Set in water-proof plastic case 4 3/4 in. x 1 in. Will register lowest, highest, and present temperatures. Can easily be reset. Price each, \$7.50; 3 for \$21.00.

Standard Greenhouse Thermostat. No. G. H. 4, arranged in a 7-inch enameled, hermetically sealed metal case, supplied with padlock and key. Contact hands when set can be changed only by person having key. Price, \$22.00. Shipping weight, 4 lbs.

Standard Greenhouse Thermostat. No. G. H. 3, enclosed in 6-inch non-rusting metal case. Contact hands are set by a stud extending through the glass. Price, \$17. Shipping weight, 2 lbs. Prices do not include wire, batteries or bell.



Greenhouse and Glazing Tools and Materials

GARLANITE. The original white glazing compound, remains soft and flexible, easy to apply and to remove. 5-gal. kegs, \$18.75; gal. cans, \$3.90. 10 gals. or more prepaid.

GARLAND WHITE SHADING COMPOUND. 25 lbs. is equivalent to 2 gals. 25 lbs., \$4.15; 50 lbs., \$8.00; 100 lbs., \$15.00; 350 lbs., \$45.50; green 2c per lb. higher, F. O. B. Chicago or Cleveland, O. 100 lbs. or more, freight prepaid and shipped from factory.

TAMM'S SHADING COMPOUND. Save on shading painting. Stays on in rainy weather and is easily removed when no longer needed; none better made. White, per 100 lb. bag, \$14.00; Green, 3c per lb. higher.

GARLAND'S BLACK BULBING CEMENT. A pure asphalt glazing compound for greenhouse use. Will not crack or run and adheres to all glass and framework or sash. One gallon to 300 lineal feet. Apply with Mastica Machine or Bulber. 60, 40 and 20-gal. drums at \$1.75 a gal.; 10 and 5-gal. drums at \$1.90 a gal.; 1-gallon can, \$2.05.

MODEL "O" SAFE-TY GLAZING GUN. Grats with 40 or 60-gal. drum of glazing cement. Each, \$4.75.

VITAPLASTIC GREENHOUSE MAINTENANCE PRODUCTS, Vita Bar Seal Paint. Effectively seals and protects Greenhouse Bars, having excellent durability and adhesion to both bars and glass due to the exclusive use of Vitaloid. 5 gallons, \$27.50.

Vita Bedding Compound. An excellent elastic compound for rebedding 5-gal. pails, \$21.25.

VITA PLASTIC Black Shade Cloth Preservative. One gallon treats 300 sq. ft. Should be reduced 20% with Vita Plastic thinner. Price per 5 gal. can, \$22.50. F.O.B. New Jersey out of Chicago stock \$26.00.

GLAZING PUTTY. Gun Grade. A superior grade which will not dry out and crumble. Seals tight, remains soft and pliable. Gal., \$3.35; 5 gal. can, \$16.00; 30 gal. drum, \$90.00.

NU-PUTTIE. This superior putty will not dry out or crumble. Seals tight, remains pliable. Can be used for glazing, sealing and caulking. Natural color light grey. Gun grade per gallon, \$2.75; 5 gals. for \$12.00; 55 gal. drum for \$110.00.

Knife Grade, 25 lb., drum for \$4.25; 50 lb. drum for \$7.50; 100 lb. drum for \$14.00.

PUTTY KNIFE, No. 120. A very good tool. Each, 60c; 3 for \$1.50.

GLAZING POINTS, Vaughan's Perfection—No rights or lefts

No. 2. For large single thick glass.

No. 2½. Double thick, for greenhouses and skylights.

No. 2. Price, per lb. (about 900), 70c; in lots of 5 lbs., 65c per lb.; No. 2½. Per lb. (about 800), 70c; 5 lbs. at 65c per lb.

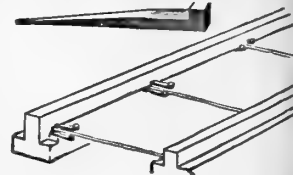
Write for prices in larger quantities.

SIEBERT'S IMPROVED.—Pure Zinc.

Easy to drive and made so they will not wedge or crack glass in driving. The head gives a good surface and makes it very easy to drive with a chisel, and the point is very easily pulled out in repairing greenhouse roof.



Putty Bulb



VAUGHAN'S PERFECTION
SIZE 2½
SIZE 2
POINT

Two sizes, ¾ and 7/8 in. long, put up in 1-pound packages. Over 1,500 points in 1-lb. pkg. of ¾ in.; over 1,000 points in 1-lb. pkg. of 7/8 in. Price, per lb., 85c; 5 lbs., \$3.75; 20 lbs., \$13.00.

PUTTY BULB, Scollay's. A useful tool similar to the well-known Scollay Sprinkler, with a tube instead of spray for applying liquid putty in glazing greenhouses. Each, \$1.60; 3 for \$4.50; doz., \$16.80.

MT. BEACON SHADING COMPOUND. Green, gal., \$4.75; 5 gal. drum, \$21.25; complete directions on each container.

VITASOLVE THINNER. 5 gal. can, \$2.50. F.O.B. New Jersey out of Chicago stock \$4.00.

GLASS CLEANER, LITE-NING CRYSTALS. Instantly dissolves hardest crust of dirt, grease, soot, scum, or shading. Under ordinary conditions dissolve ½ pound of Lite-ning crystals in one gallon of water. For exceptionally dirty glass use one pound. Brush on glass, then rinse off with water. Will not injure plants or putty. 5 lbs. for \$6.75; 10 lbs. for \$12.00; 25 lbs. for \$27.50; 100 lbs. for \$90.00.

Glass Cutter

Trojan Roller

Type. Doz., \$2.85; each, 30c.



Prices subject to change without notice.

For Greenhouse and Garden Irrigation

SWANITE Reinforced Plastic Garden Hose. Single Braid, #867 full ½ inch green, light-weight. Does not kink. Won't fade, crack or rot or sun-check; with full nickel-plated, maxivolume coupling. Will withstand highest pressure. Guaranteed for five years. 50 ft. length. Retail \$10.95; each \$8.03; per bale of 5, \$36.50.

VAUGHAN'S SPECIAL GREENHOUSE HOSE. Full ¾-inch pre-war quality, a tough strong heavy pliable hose for high pressure syringing, etc. Uncoupled, per ft., 39c; 50 ft. lengths coupled, \$20.00.

VAUGHAN'S ¾ INCH WATER

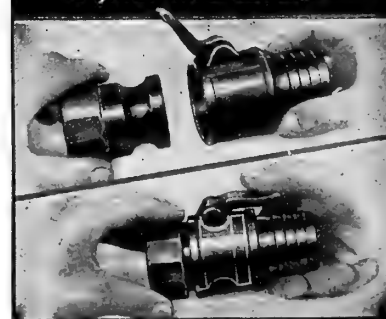
HOSE. This is the finest grade of hose obtainable at this time. This is a two braid hose and is suitable for garden and greenhouse use. Price, 29c per foot. Couplings, 60c per set extra. This hose can be furnished in any length. ½ in. Single Braid Hose. Price, per 50 ft. length, \$6.95; six lengths \$35.00.



SWAN DOUBLE BRAID GREEN Garden Hose #127. Full ½ in. This hose is guaranteed for 15 years. Has smooth, tough inner tube and 2 braids of heavy rayon cords. A beautiful green cover of wear resisting Neoprene. Equipped with nickel plated maxivolume coupling. Will not burst under 800 lb. water pressure. 50 ft. only weighs 16 lbs. Easy to handle. 50 ft. length retails for \$11.75, each \$8.58; per bale of 5—50 ft. lengths, \$39.00.

SWAN BLACK SINGLE BRAID HOSE #705. Full ½ inch. Same construction as above. Guaranteed for 5 years. 50 ft. length weighs 14 lbs. 50 ft. length retails for \$8.75, each \$6.38; price per bale of 5—50 ft. lengths, \$29.00.

JUST PRESS THE LEVER—
Instant, tight connection—
a great time-saver!



HOSE COUPLING.

Improved Ever-Tight

No more waste of time just press the lever instant tight connection. A great time saver, a coupling that every greenhouse should be equipped with. Price complete, 75c; doz., \$7.80. Faucet ends per doz. \$4.20.

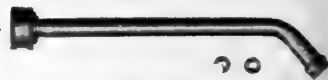
RAVINE WATER

BREAKER. Changes harsh stabbing streams to soft, lacy rain. Price each, \$5.00.

BRASS CLINCHER HOSE COUPLING.

Tight grip, will not leak, easily applied. The heavily plated fingers grip the hose tightly and make a leak-proof connection. The couplings have a large octagon shaped swivel. They are easily attached. Each, 45c doz., \$4.80.

Paradise Syringing Nozzle. 10-inch, each, \$3.60; 18-inch, each, \$4.25; extra tips, each, 35c.



Brass Clincher

Hose Mender

Price each, 20c; doz., \$1.75.



JUSTRITE BRASS HOSE NOZZLE

For lawn and garden, can be changed from fine spray to stream. $\frac{3}{4}$ inch, each, \$1.10; doz., \$10.80.



HOTHOUSE SPRINKLER

All brass, distributes water evenly; $\frac{3}{4}$ inch connection; 3 inch face, each, 80c; doz., \$7.50; 4 inch face, each, \$1.00; doz., \$9.00.



SCOLLAY'S FAMOUS FLORISTS' SPRINKLER.

We Are General Western Agents.

None better for floral work. Beware of cheap imitations. Made of best quality of rubber and will outwear any other sprinkler on the market. Large size, plain top, No. 1, 6 in. high, each, \$1.60; 3 for \$4.50; doz., \$16.80.

ROSS SQUARE SPRAY HEADS FOR SCIENTIFIC SPRINKLING

It sprinkles a square, making it easy for you to install your own underground system, at a very low cost. Threaded for $\frac{1}{2}$ in. pipe, capacity $3\frac{1}{4}$ gals. per minute. Has a slotted adjusting screw to control the area of the spray.



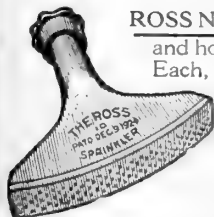
54A. Price, per doz., \$6.80. 64A. $\frac{1}{2}$ or $\frac{1}{4}$ circle heads. Doz., \$6.80.

NO. 400 WATER BREAKER. This breaker is the answer to the florist's problem for an all purpose watering gadget. It will do most any watering job. This breaker has 400— $\frac{1}{16}$ inch holes in it. The four hundred tiny streams of water are concentrated in a small area, consequently speeding your watering job. Price each, \$1.45, three for \$4.00.



The "400" Water Breaker

ROSS No. 10 SPRINKLER. Is preferred by growers and home owners; capacity seven gallons per minute. Each, \$1.45; doz., \$11.20.



LINCOLN PARK OR BUTTERFLY

Cheapest and best sprinkler made. Each, \$1.10; doz., \$10.00.

Mounted on stand: 2-foot, \$2.35; 4-foot, \$2.65; 6-foot, \$3.75.



HAYES SPRINKL-AIR NOZZLE



Mixes air into water flowing through garden hose . . . almost magically changes harsh, stinging streams to soft, lacy, beneficial "Rain". SPRINKL-AIR'S

flow falls lightly onto freshly seeded lawns and gardens—no washing away of earth and seeds, no damage to tender seedlings and tiny plants. Price each, 95c; per doz., \$7.60.

SOIL SOAKER

Irrigation hose for deep soaking. No. 0—12 ft., each, \$1.50; six for \$6.60. No. 1—18 ft., each, \$2.00; six for \$9.00; No. 2—30 ft., each, \$3.00; six for \$13.80; No. 3—50 ft., each, \$4.85; six for \$22.80.

EROSIONET

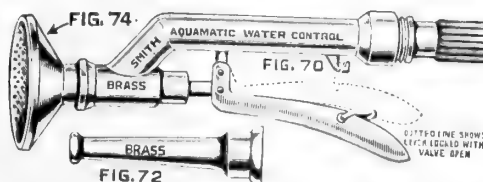
Use Erosionet for New Lawns, Weak Lawns, and Stubborn Terraces.

Made of strong open mesh fabric, will hold your seed and sod firmly in place, prevents washouts, does not present an unsightly appearance, grass and clover soon rendering it



almost invisible. Can be removed when grass becomes $2\frac{1}{2}$ in. high. Width, 45 inches. Price per yd., 22c; 100-yd. lots, 20c per yd.; rolls of 250 yds., 19c per yard.

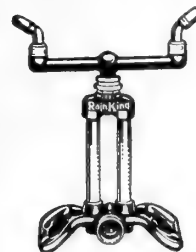
ALL PRICES SUBJECT TO CHANGE WITHOUT NOTICE.



AQUAMATIC SHUT-OFF

$\frac{3}{4}$ in. hose connection. Complete as shown above. Price, ea., \$3.95.

ELKAY NOZZLE from a powerful jet to a softest mist at the tip of your finger. Precision built. Non-corrosive instant shut off. Retail each, \$1.50; doz., \$12.00.



RAIN KING SPRINKLER MODEL H

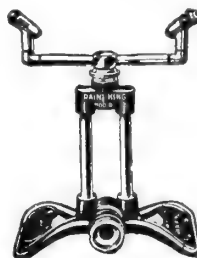
Chrome plated. Adjustable for coarse or medium shower. Can be used for revolving or stationary sprinkling by simply turning lock wheel. $11\frac{1}{4}$ in. tall; $9\frac{1}{4}$ in. from nozzle to nozzle. Retail each, \$7.65; 6 for \$30.60; per doz., \$57.36. Shipping weight, 5 lbs. each.

RAIN KING SPRINKLER MODEL K

Automatic, new, sensational sprinkler that you can set instantly to sprinkle any size circle 5 to 50 ft. by simply turning the button on top of the sprinkler. Retail each, \$8.50; 6 for \$34.02, per doz., \$63.72. Shipping weight, 5 lbs. each.

RAIN KING SPRINKLER MODEL D

Can be adjusted to operate slow or fast. Will operate on any water pressure. Retail each, \$5.95; 6 for \$23.82, per doz., \$44.64. Shipping weight, 4 lbs. each.



ROSS ROOT FEEDER.

Irrigates and feeds at the same time. Pointed tube easily thrust into ground to reach root area. With 12 nutrient cartridges complete, \$3.95, 6 for \$19.95, Doz., \$35.90. Extra cartridges, carton of 12, \$1.00, doz. cartons, \$7.20.

PROFESSIONAL WATERING POTS

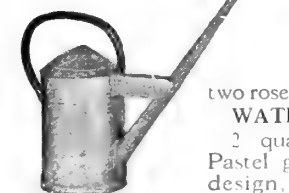
For Florist's, Nurseries, Seed Growers and Estates.

8 qt. size, \$7.65; 10 qt. size, \$8.35.

12 quart size, round, heavy watering pot with long spout and two roses, with brass handle. Price each, \$8.95.

WATERING POT

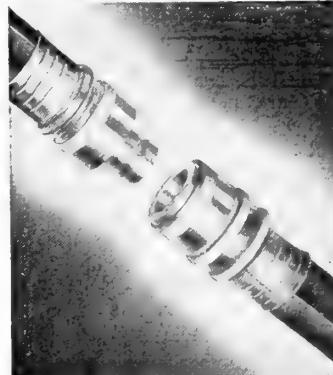
2 quart home size. Pastel green with rose design, for watering house plants. Each, \$1.75; dozen \$16.20.

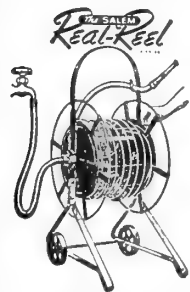


THE NEW CRESCENT

HOSNAP COUPLING.

Screwing of couplings and twisting of hose eliminated. This coupling operates by merely pushing in. It locks quickly. Can be removed simply by pushing down collar. Made of brass. Price ea., \$1.00; doz., \$10.80; 6 doz. lots, doz., \$10.20. Male ends per dz. \$3.50.





REAL-REEL

The only portable reel permitting water to run through the reeled-up hose. Equipped with 5 ft. of accessory hose and connection to attach to hydrant as illustrated. Saves time and work. The hose does not need to be removed from the reel to connect it to the water current. Made of the best steel, very durable with rubber tires. Price each, \$12.95 in lots of 4 when purchased for resale, \$10.00 each. Retail at \$14.95.

NATURAIN PERFORATED PIPE

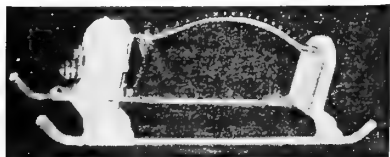
Made of durable aluminum and stainless steel. Each section 5 ft. long, weight less than a pound. Ordinary pressure will throw water 20 feet. Extra 5 ft. lengths can be connected with a twist of the wrist. Primary unit with hose connection, retails at \$2.95; per dozen, \$23.60; Secondary unit, retails at \$2.75; per dozen, \$22.00. With ordinary pressure five units can be used.



IRRIGATOR

AVON LAWN AND GARDEN SPRINKLER MODEL No. 950

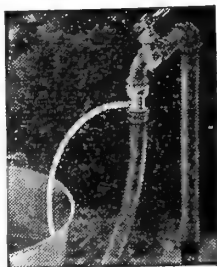
This type sprinkler is highly recommended by expert landscapers and nursery men. Its unique principal of oscillating back and forth enables one side of area covered to absorb while the other side is being irrigated. This principal prevents wash out or uneven distribution. Size 21"x6 1/2"x7", mounted on sled like frame that moves with ease by pulling hose to change its position. Covers about 1500 sq. ft. or more depending on water pressure, in a rectangular area 30 ft. on either side and 30 ft. in width. Price each, \$14.95, 3 for \$36.00.



HOZON FERTILIZER APPLICATOR

(Fertilizes as you Sprinkle)

Make fertilizing as easy as sprinkling your lawn. Fertilize through your hose. Mixes the right amount of ammonium sulphate, nitrate of soda, potash or any soluble fertilizer with the water with which you sprinkle your lawn. One end screws into the faucet, the other end takes the hose, the small tube drops into the bucket of fertilizer. Made of die cast metal. Price, \$1.85; postpaid, \$2.00.



This light weight, yet durable tube, makes it easy to apply water to the garden soil exactly where needed, without wetting foliage or flowers, and without washing soil away from surface roots. Each, \$3.50; doz., \$30.00.

INSECT-O-GUN

This is a 3 gallon Lawn and Garden Insecticide Sprayer. The most compact, simple and easy to use sprayer available. Just put insecticide in the Pint Jar, attach to the Garden Hose, and the water pressure does all of the work. Eliminates pumping and carrying a heavy tank. Recommended for applying 2 4-D for exterminating weeds. Retail at \$5.95; 6 for \$23.80.



Sprayers and Dusters

Dobbin's Bighead Sprayers

5 1/2" diameter opening. Easy to fill, drain and clean. Positive quick sealing device. Equipped with patented self-lubricating pressure seal valve plunger. More air per stroke. Brass shut-off with trigger quick spray lock. Universal nozzle, sprays at any angle. Will handle all spray solutions. 4 gallon capacity.



No. 44G. Galvanized tank. Each, \$12.25.

Stainless steel, Bighead 4 gallon, sprayer, ea., \$22.50.

SMITH'S SPECIAL No. 24 G. O. COMPRESSED AIR SPRAYER

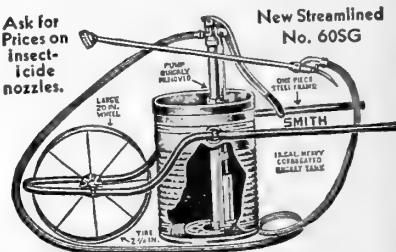
A durable low priced sprayer, has a funnel top, made of heavy steel, tank as illustrated. 3 1/2 gallon capacity. Galv., \$9.25; Brass, ea., \$15.35.



Ask for Prices on Insecticide nozzles.

WHEELBARROW SPRAYER

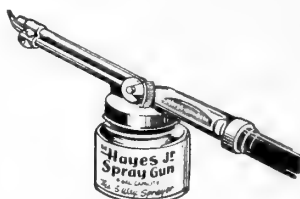
Goes anywhere like a wheelbarrow through narrow openings. For spray solutions, disinfectants or whitewash. With extra long handle and large air chamber, develops from 150 to 200 lbs. pressure with minimum of effort. Made of best materials, all working parts of brass or bronze. Cart is strong, all steel and cross braced. Tank holds 18 gallons. Fully equipped with hose, nozzle fittings, steel extension, etc. Price, \$36.50. Shipping weight, 65 lbs.



Same as above. With air pressure tank, tested under pressure of 275 lbs., fitted with pressure gauge reading to 200 lbs. Price, \$47.50. Paragon Wheelbarrow Sprayer. Greenhouse and Nurserymen Sprayer. 12-gal. capacity on one or two wheelbarrow type truck. Complete with hose, rod and nozzles. Price, \$33.50.

HAYES JR. SPRAY GUN

All Purpose Sprayer. Makes 4 gals. of mixed spray material at a time. Sprays liquid and most wettable powders, up, down and sideways. Attach to your garden hose. Gives you the efficient performance of heavy, expensive equipment. Operates on water pressure from 30 to 75 lbs. No. moving parts to wear out or break. Retail, each, \$8.45; six for \$33.80.



BLIZZARD COPPER CONTINUOUS SPRAYER.

Very durable, seamless brass pump, solid copper quart tank with adjustable nozzle for straight and underleaf spraying. Qt. size, each, \$4.75; six for \$23.60; pint size each, \$3.95; six, \$21.00.



PNEUMATIC HAND SPRAYER

Pneumatic Tin Hand Sprayer. Same as above, each, \$1.45; dozen, \$12.00.

Tin Hand Sprayers. Full qt. size, retails at 70c; per doz., \$5.40.

Pneumatic Galvanized continuous one quart size with two nozzles for straight and underleaf spraying. Each, \$1.60; dozen, \$14.40.

ONE-MAN PRESSURE SPRAYER

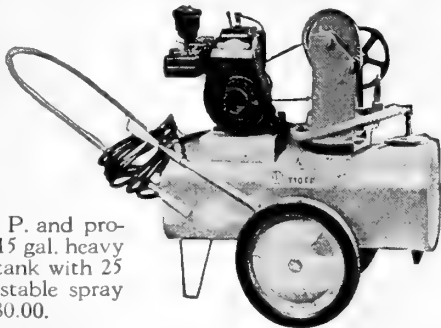
Jim Dandy Cart Sprayer. The king of all sprayers. The all around sprayer for lawns, vegetable crops, trees, shrubs, etc. Also a handy sprayer for factory or indoor use. Easily wheeled around. Equipped with balloon tires and 12 ft. of $\frac{3}{8}$ inch high grade spray hose and automatic shut-off nozzle. Galvanized, price each, \$32.00.

**G. S. MASTER SPRAYER**

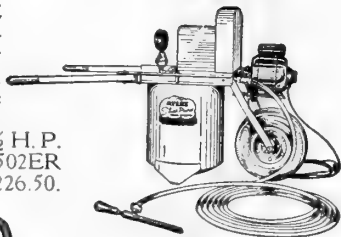
The finest sprayer for applying shading compounds, whitewashing and all types of insecticides, flower and vegetable gardens, fruit and ornamental trees. Sprays from a fine mist to a 35 ft. spray stream. Made of 100% brass throughout. Jr. Model each, \$5.95. Master Model with adjustable nozzle and 45 degree brass extension, each, \$7.95.

NEW HARDIE TIGER POWER SPRAYER Model 66X0100.

The pressure relief valve is adjustable from 20 to 250 lbs. per sq. inch. All valves are stainless steel. The engine is $\frac{3}{4}$ to 1 H. P. and provides ample power. 15 gal. heavy gauge, welded steel tank with 25 ft. of hose and adjustable spray gun. Price each, \$180.00.



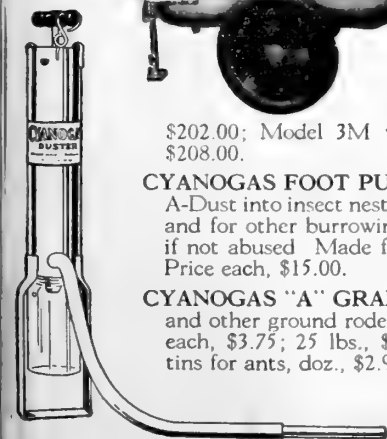
MYERS SILVER PRINCE POWER SPRAYER. Perfectly balanced, 2 gallons per minute. Tank $12\frac{1}{2}$ gallons, width 16 inches. Complete with spray gun and 15 ft. of hose. No. 4502MR with $\frac{1}{2}$ H. P. electric motor, \$236.50. No. 4502ER with $\frac{3}{4}$ H. P. gasoline engine, \$226.50.

**BEAN SPARTAN POWER SPRAYER.**

A dependable sprayer. Pressure 200 lbs., capacity 3 gallons per minute. Tank 15 gallons, width 20 inches, complete with Defender spray gun and 25 ft. of hose. Model 3, Briggs and Stratton Gas Engine, \$202.00; Model 3M with $\frac{1}{2}$ H. P. electric motor, \$208.00.

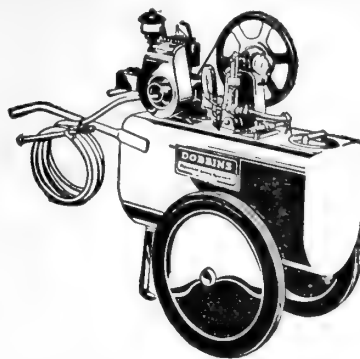
CYANO GAS FOOT PUMP. For pumping Cyanogas A-Dust into insect nests, rat burrows, mole run-ways, and for other burrowing pests. Will last indefinitely if not abused. Made for heavy duty. Weight, 8 lbs. Price each, \$15.00.

CYANO GAS "A" GRADE. For moles, rats, gophers, and other ground rodents. 1 lb., doz., \$7.25; 5 lbs., each, \$3.75; 25 lbs., \$12.50; 100 lbs., \$30.00; 4-oz. tins for ants, doz., \$2.90.

**UTILITY PORTABLE POWER SPRAYER**

A portable high-pressure lightweight spray outfit. Handles all spray jobs for the individual grower and commercial grower. Brass pump with hardened stainless steel valve. Capacity, $1\frac{1}{2}$ gallons per minute, 25 gallon steel tank, $1\frac{1}{2}$ H. P. engine. 12 $\frac{1}{2}$ feet of high pressure hose and adjustable spray gun.

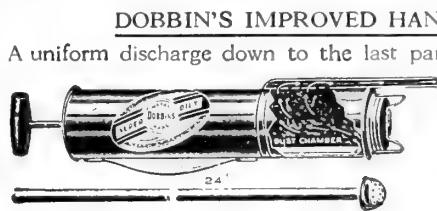
No. 4240R with rubber tire wheels. Each, \$185.00.

**CHAMPION KNAPSACK SPRAYER**

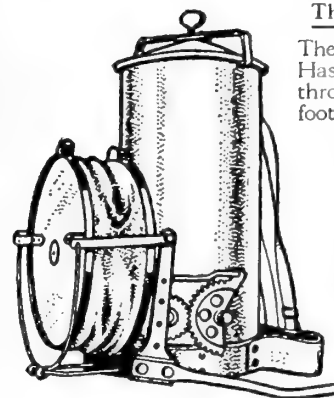
All purpose sprayer. Tank shaped to fit man's back. Holds 4 gals. of fluid. Net weight 12 lbs. Adjustable brass nozzle permits either fine mist or 35 ft. stream. Galvanized, price each, \$22.95. Brass, price each, \$25.45.

**Chapin Hand Duster No. 594**

Retails, each, \$1.25; six for \$5.75; doz., \$9.60.

**DOBBS'S IMPROVED HAND DUSTER**

A uniform discharge down to the last particle of dust. For all garden and field crops. Self-lubricating pressure seal valve plunger. Capacity, 1 lb., equipped with two-way dust cap. No. 132 Duster. Each, \$2.10. 6 for \$9.60.

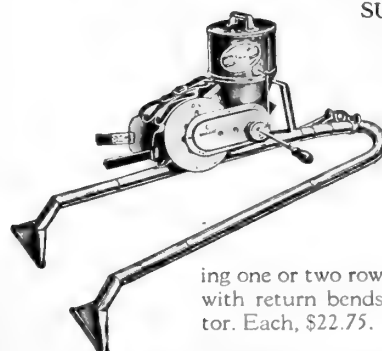
**The American Beauty Duster.**

The most powerful hand duster made. Has a large, powerful bellows that throws dust to the top of twenty-five foot trees. A man will average eight acres per day on trees. Dusts truck crops at an average walking speed, and dusts the under side of leaves. Has a spiral agitator that crushes and grinds the dust and feeds directly into the moving air blast; does not choke or clog. Has an efficient regulator for discharge control. It is considered the standard of efficiency by all authorities. Price, \$28.50. Write for leaflet on the American Beauty Dust Sprayer.

SUPERBUILT UNIVERSAL DUSTER NO. 200.

A powerful duster for field, garden or orchard use. Gears contained in duster proof gear case run in oil—easy running. Powerful air blast breaks up powder into uniform size dust. Complete with attachments for dusting

ing one or two rows. Capacity, 5 to 10 pounds with return bends for dusting in rear of operator. Each, \$22.75.



Latest Greenhouse Insecticides

AZOFUME 10. Ideal for dusting Evergreens for control of Red Spider and Mites. Price, 1 lb. 80c, dozen \$6.40, 4 lb. \$2.40, carton of 6 packages, \$9.60, 50 lb. \$17.50.

AZOFUME 45 CANDLES. AZOFUME 45 is effective on red spiders, cyclamen mite and most other types of mites found in greenhouses on ROSES, CARNATIONS, MUMS, CYCLAMENS, CALLAS, HYDRANGEAS, GARDENIAS, CAMELIAS, GERANIUMS, IVIES, KALANCHOES, AGERATUMS, CINERARIAS, PRIMULAS, COLEUS and many other plants, 24 Candles to a carton for \$10.80; 96 Candles to a case for \$43.20.

AZOFUME 45 CANDLES WITH BHC. To extend use over a greater range of insects, especially Thrips and Aphids, we have added 5% Benzene Hexa Chloride Gamma Isomer at no extra charge. Price same as regular Azofume Candles. Specify with or without BHC.

PURE SODIUM SELENATE is a granular powder, very concentrated: One pound treats 1,800 square feet of bench area. This material is completely water-soluble. 100 grams (makes 1 gallon) \$2.75, prepaid; per lb., \$7.00.

P-40 IS TWO PER CENT SODIUM SELENATE and ninety-eight per cent carrier (superphosphate in the present material). It is a dilute material. Three pounds treat only 100 square feet of bench area. 3 lbs., \$2.25; 25 lbs., \$7.25; 50 lbs., \$13.75; 100 lbs., \$26.00; 500 lbs., \$126.00.

FERMATE. This new fungicide which has been thoroughly tested gives remarkable control of plant diseases, with safety to all plants. Reliable specific for black spot on roses, leaf spot on chrysanthemums, snapdragon rust, anthracnose of tomatoes, and brown rot of cherries. Recommended for use against all fungi and mildews. 8 oz. retails 75c; per case of 24, \$12.00; 3 lbs., \$2.45; 6 packages for \$13.50; Case of 12-3 lb. packages, \$23.40.

FULEX PARATHION FUMIGATORS. Contains nearly double the burning material which gives a much better distribution of fumes. 2,000 cu. ft. fumigators, \$9.00 per carton of 24; 5,000 cu. ft. fumigators, \$12.00 per carton of 24; 10,000 cu. ft. fumigators \$15.00 per carton of 24; 20,000 cu. ft. fumigators, \$24.00 per carton of 24.

ISOTOX DAIRY SPRAY. Containing Lindane. For fastest fly control, kills flies immediately. Kills flies resistant to DDT. May also be used to control Scab or Sarcotic Mange on Dairy Cattle, Beef Cattle, Sheep and Hogs. Also effective around the house on flies, roaches, ants, mosquitoes and other insects. 1 lb. can, price each, \$4.10, per case of 12, \$36.60; 4 lb. can, each, \$16.00, per case of 4, \$48.00.

LINDANE 25%. Wettable high gamma, containing 25% Gamma Isomer. Price, 1 lb. cans, each, \$3.75; 4 lbs. for \$14.60.

MALACHITE GREEN An Aid in the Control of Rose Mildew. A green dye, effective in the control of some mildews, especially common rose mildew. Recommended by leading universities as a rose spray. Can be used as a green dye for flowers such as green carnations for St. Patrick's Day. 1 lb., \$3.95; 5 lbs. for \$16.50; 10 lbs for \$30.00.

METHOXYCHLOR 50% INSECTICIDE. Active Ingredient: Methoxychlor Technical 50% (Equivalent to 44% 2, 2-bis (para-methoxyphenol) 1, 1, 1-Trichlorethane and 6% other isomers and reaction products. 8 oz. tin, doz., \$6.00; 4 lbs., bags, each, \$3.45; per carton of 12, \$33.20.

PLANTFUME No. 103 SMOKE GENERATORS. For greenhouse use only. Active ingredient, 15% Tetraethyl Dithiopyrophosphate. 5,000 cu. ft. fumigator, \$10.50 per carton of 36; 20,000 cu. ft. fumigator, \$12.00 per carton of 12.

PARZATE FUNGICIDE. Dupont's newly developed dithiocarbamate fungicide which may be used as a spray or a dust for control of many important plant diseases. Price per 40 lb. drum, \$30.00. 3 lb. pkg., \$2.85; 6 for \$15.60.

PARATHION 15% WETTABLE POWDER. Good control of Cyclamen Mite, Red Spider, Thrips, Aphids, and various nematodes. Price per 1 lb. can, \$1.25; 4 lb. bag, \$4.50; 50 lb. drum, \$48.00.

PARATHION DUST 2%. Ideal for control of most ornamental insect pests. Specially adapted for use in cheese cloth houses and outdoors. Price 25 lb. drum, \$8.50; 50 lbs., \$15.00.

ZERLATE FUNGICIDE. For control of plant diseases. Has natural adhesive and wetting qualities. Does not easily wash or weather off when applied to plants. Can be mixed with insecticides such as Arsenicals, Nicotine, Rotenone, Pyrethrum, D.D.T., etc. Price per 3 lb. pkg., \$2.45; 6 packages for \$13.50. Case of 12/3 lb. packages, \$23.40.

Lethalaire Aerosol Bombs

PARATHION LETHALAIRE BOMBS.

G-54 (U.S.D.A. No. 151) contains 10% Parathion ("Thiophos 3422"). 4 lb. cylinders. One cylinder will treat 200,000 cu. ft. of space. Price in special shipping cases: Shell deposit, \$3.75; gas \$8.00.

T.E.P.P. AND H.E.T.P.

Bombs, 4 lbs., each, \$6.50.

Deposit on shell, each, \$3.75.

Shells on both Parathion or T.E.P.P. and H.E.T.P. returnable for credit direct to the factory in quantities of 12 shells or more freight collect, or prepaid to us in smaller quantities.

G-57 Bombs containing Te-

traethylidithio-pyrophos-

phate for greenhouse orna-

mental use only. One 4 lb.

cylinder treats 200,000 cu.

ft. Recommended for the

control of: Spider Mites (Red Spiders), Aphids, certain species of

mealy-bugs, and White Flies. Price each, \$8.00.

Standard Speeding Applicator..... Each, \$5.50
Extra Long Speeding Applicator..... Each, 6.50
Mine Safety Industrial Gas Mask. Each..... \$29.00
Extra GMC-1 Canisters. Each..... 3.50
War surplus navy mask with new G-M-C Canister, each, 7.95



ALL FORMS OF D. D. T.

D. D. T. 50% WETTABLE DUST. For diluting in water for spraying, or mixing with talc to prepare dust of desired strength. One pound in 100 gallons of water makes effective garden spray leaving a heavy residual deposit on plants. Three pounds to 100 gallons of water makes effective and safe spray for cattle, horses, hogs and other farm animals, or residual spray for walls of barns, stables, hog or poultry houses and milk sheds. 1 lb., retails \$1.25; per doz., \$9.00; 3 lb. bag, \$1.80; 48 lbs., \$24.00.

D. D. T. 30% LIQUID SPRAY in Velsicol in emulsion form has given results on some insects superior to those from wettable powders. This is safe to use on garden and greenhouse plants, Gal., \$4.50.

D. D. T. HOUSEHOLD SPRAY. An oil spray for lasting control of pests. For spraying or brushing on screens and porch walls, and general household use according to directions. Kills bedbugs, flies, mosquitoes, moths, ants, silverfish and many others. Do not use on plants or animals. Pints per doz., \$4.50; qts. per doz., \$6.00; gals. per carton of 4-1 gals., \$5.40.

D. D. T. 5% DUST. A ready-mixed garden dust of D. D. T. combined with a fine, light-weight filler, safe to use on all plants in gardens and greenhouses, also on livestock, dogs, pet animals (except cats) and poultry. Its extra strength assures maximum pest control. 1 lb. retails, 40c; per doz., \$3.20; per carton of 24, \$6.00; 25 lbs., \$3.25; 50 lbs., \$6.00; 5 lb., pkg., retails, \$1.50; per doz., \$11.40.

DIMITE. A quick, positive, long lasting contact control for mites and red spider damaging evergreens, flowers, fruit and shade trees, etc. Contains 25% Di(P-Chlorophenyl) Methyl-Carbinol (DMC) in a water mixable solution. 2 oz. retails at 69c ea.; price per dozen, \$5.52; qts. \$5.00 ea.; gals. \$14.00 ea.

BUG-GO INSECT SPRAY-BOMB Kills All Household Insects. The most effective aerosol insecticide. Deadly to flies, roaches, bedbugs, silverfish, ants, mosquitoes, wasps, and any crawling or flying pests. Contains DDT, Pyrethrum and Piperonyl Butoxide, three killing ingredients. (If one doesn't get them, the others will.) Approved by U.S. Department of Agriculture. Leaves no unpleasant odor. Used as directed, is completely harmless to humans. Retails each, \$1.30; doz., \$10.40.



SLA-RAT. Contains the new superior rat and mouse poison, death dealing "Warfarin". A prepared bait ready to use. Complete description on container. 8 oz. retails at 65c, dozen \$5.20, 1 lb. retails at \$1.00, 6 for \$3.60, 5 lb. retails for \$4.00, each, carton of 2 for \$5.34. Concentrated form, 4 oz. retails for \$1.25, dozen \$9.00, 12 oz. retails for \$2.75, dozen for \$22.00.

Other Insecticides and Fungicides

Add Postage According to Weight and Zone (See Order Blank).

In addition to the materials listed below we can supply any preparation on the market at the right price for your own use, or for resale. If you do not find the brand you wish listed, ask us for a price on the quantity desired. Attractive profits are earned by selling small-package insecticides at retail, for which sales most flower buyers are good prospects.

ARAMITE 15W. Dry wettable powder; a new miticide. 4 lb. bag \$3.20; 100 lbs., \$77.00.

ARASAN. 8 oz., \$1.00; 4 lbs., \$6.00; 25 lbs., \$30.00; 100 lbs., \$115.00.

ARSENATE OF LEAD. The standard spray or dust for quick, dependable control of practically all leaf-eating (not sucking) insects. 1-lb. carton, 60c; doz., \$6.00; case of 24, \$11.52; 4-lb. bag, \$1.50; 48 lbs., \$14.76.

BENZO-FUME PRESSURE FUMIGATOR. Contains not less than 17½% of Azobenzene. Directions for use are printed on each container. For control of Red Spider in Greenhouses. Price per carton of 12—½ lb. tins, \$3.20, gross weight 9 lbs.; per carton of 12—1 lb. tins, \$5.50, gross weight about 17 lbs.

BORDEAUX MIXTURE. (Dry.) The best fungicide for curing and preventing black rot, mildew, leaf curl, scab or other fungoid diseases on fruits and plants. One pound will make 5 gallons liquid. Lb., 45c; doz., \$4.35; Carton of 24, \$8.40; 4 lbs., \$1.20; case of 12, \$11.52.

CARBON DISULPHIDE. For ants and cut worms. 1 lb., 75c; doz., \$7.80.

COPPER SULPHATE. Crystals. 10 lbs., \$2.85; 25 lbs., \$4.85; 100 lbs., \$14.00.

CORROSIVE SUBLIMATE. Mercuric Chloride. Price, 1 lb., \$4.95; 5 lbs., \$23.50. (1 lb. to 96 gals. water).

CUPROCID. Yellow. An effective fungicide spray. Price, 3 lb. bag, \$2.25; case of 16 3 lb. bags \$33.60.

CYANOGAS "A" GRADE. For moles, rats, gophers, and other rodents. 1 lb., doz., \$7.25; 5 lbs., each, \$3.75; 25 lbs., \$12.50; 100 lbs., \$30.00; 4-oz. tins for ants, doz., \$2.90.

CYANOGAS CALCIUM CYANIDE "G." Greenhouse fumigant. Aphids, white fly, thrips, soft scale, and mealy bug and control for crop-destroying rodents. 5 lbs., \$3.75; 25 lbs., \$12.50; 100 lbs., \$30.00. Write for leaflet; freight prepaid on 100-lb. lots.

D. N. SULPHUR DUST No. 10. A new and very effective control for red spider, thrips, and rust diseases on carnations. 10-lb. bag, \$3.50; case of 5 bags, 50 lbs., for \$12.50.

D. N. DUST No. 12. For control of red spider, mite and thrips on roses, calla lilies, snapdragons, gardenias and carnations. The active element in D. N. Dust No. 12 is a dinitro compound effective in all stages of mite development. Should be used before blooming period. Per 10-lb. bag, \$4.50; case of 5 10-lb. bags, \$20.00.

DOWFUME MC-2. Latest soil fumigant development. Eliminates steaming of potting soils, seed beds and cold frames. Controls soil pests, some fungi and kills weed seeds. Not adaptable to raised benches. Used with gas proof code. 1 pound cans, \$1.15 each, per case of 24 cans, \$19.20.

DOWFUME MC-2 TRIAL KITS. A trial offer package containing all necessary material for initial test. Contains 4 lbs. Dowfume MC-2. Applicator with tubing, and 8 ft. x 16 ft. plastic Tarp. One to a customer, \$11.00 each.

DOWFUME MC-2 TARPS. Come in three widths, 10 ft., 13½ ft., and 16 ft. Write us for prices on quantity desired.

DOWFUME MC-2 APPLICATORS. "Jiffy" applicator with 10 ft. of Saran tubing attached. Each, \$5.00.

DOWFUME G. New rapid setting soil fumigant. Especially toxic to Nematodes, eel worms, soil insects, millipedes, centipedes, pill bugs, etc. Permits replanting in 2 to 4 days. No waiting for root bugs to decay. Permits one bench fumigation. Not injurious to nearby plants. Easily and economically applied. Water seal is only covering needed. 10 gal. drum, weight 114 lbs., price per drum, \$35.90; 30 gal. drum, \$95.40.

DOWSPRAY 17. A Dinitro Compound for use as a wet spray to control red mite and thrips. Helps produce better foliage. Protection for roses, carnations, calla lilies, azaleas, snapdragons, gardenias, hydrangeas, etc. Put up in 1 lb. cans, 8 to a case. Each, \$2.95; per case, \$22.00.

D.X. PYRETHRUM-ROTENONE CYCLONENE SPRAY. A concentrated plant spray containing Rotenone-Pyrethrum-Cyclonene in an active glyceride base. Controls sucking and chewing insects. Price 1½ oz. packed 24 to a case, \$7.20 per case; 8 oz. packed 24 to a case, price per case, \$25.20; quarts packed 12 to a case, per case \$41.34; gallon each, \$12.00; 5 gallons each, \$48.00.

DOWFUME G APPLICATORS. Highly satisfactory hand applicators. Adjustable for varied dosages. Will give years of service. Two types—No. 45-F, height 28 in., each, \$20.00; Type 45-AF, height 42 in., price \$20.00.

FLOWERS OF SULPHUR. Dusting grade. Lb., 15c; 10 lbs., 95c; 50 lbs., \$2.75; 2 bags for \$5.25.

FORMACIDE FORMALDEHYDE DUST. Control "damping off" of flower and vegetable seedlings. 1 lb., 85c; 5 lbs., \$2.50; 25 lbs., \$10.00; 50 lbs., \$17.50.

FUME TOBAC. Fumigating Powder. 25-lb. drum, \$5.00; 50-lb. drum, \$8.75; 100-lb. drum, \$16.25.

FUNGINE. New remedy for mildew, rust and other fungus diseases for greenhouse and outdoor use. Pt., 75c; qt., \$1.25; gal., \$3.25.

GRAPE AND ROSE DUST. Excellent for the prevention and destruction of mildew on plants. Lb., 40c; 5 lbs., \$1.50; 10 lbs., \$2.75; 25 lbs., \$6.25.

GRASSLI S. S. 3 COMBINED SPREADER AND STICKER. Designed especially for use with agricultural sprays. Pt., \$1.10; gal., \$7.25; 5 gals., \$34.50.

GRAY'S IRIS BORER ERADICATOR. 8 oz. retails at \$1.00; per case of 24, \$16.00; pints retail at \$1.45; per case of 24, \$23.20; quarts retail at \$2.25; per case of 12, \$18.00.

GRAY'S THRIPS AND APHIS ERADICATOR. For roses, peonies, gladioli, etc. Pint retails at \$1.45, per case of 24, \$23.20; quart retails at \$2.25, per case of 12, \$18.00.

HAMMOND'S FISH OIL SOAP. Price per pint, 90c; per gallon, \$4.40.

ISCOBROME. Soil Nemocide and Insecticide. For control of most nematodes and soil insects. Price per 5 gal. 40 lb. drum \$19.20; Larvjector, \$29.50. Treats 1800 square feet.

LEMON OIL. Used for controlling such pests as Aphid, Leaf-hopper, Soft Scale and certain other sucking insects. ½ pt., 50c; pt., 85c; qt., \$1.50; gal., \$4.20; 5 gals., \$16.80.

METHYL BROMIDE. An ideal fumigant for many purposes. For seeds, bulbs and many greenhouse plants. Per lb. can, \$1.15; per case of 24 cans, \$18.00; 10-lb. cylinder, \$8.25. Dep. charge \$10.00 on cylinder. Write for price on larger cylinders.

MOLOGEN. Gets rid of moles the easy way. ½ lb. package retails at 50c, per dozen, \$4.00; 1½ lb. package retails at \$1.25, per dozen, \$10.00.

NAPHTHOLENE FLAKES. Price 10 lbs., \$2.75; 25 lbs., \$6.25; 100 lbs., \$20.00.

NEW IMPROVED CERESAN. 1-lb. can, \$1.30; 4 lbs., \$4.35; 100 lbs., \$85.00.

NICO-FUME HOLDER. For 1-lb. size pressure fumigator. "Adaptor" is included for the ½-lb. size. Each, 85c.

NICO-FUME LIQUID. For fumigating or spraying; contains 40% nicotine. 1 lb. can, \$2.50; 2 lbs., \$3.45; 8 lbs., \$11.95; 40 lbs., \$51.60.

NICO-FUME PRESSURE FUMIGATOR. Put up in ½-lb. and 1-lb. cans, powder is now burned under pressure, giving better control of insects. The cans have a sparkler for lighting the powder. ½-lb. cans, 50c; six for \$2.60; doz., \$4.60; 1-lb. cans, 80c; six for \$4.20; doz., \$7.95.

NICO-ROTE. A combination of nicotine and rotenone. Kills by contact and fumes. Qt., \$4.00; gal., \$12.00.

No. 10 REFINED ROSE SPECIAL (Apomite.) For roses and carnations. Kills high percentage of eggs, no discoloring of blooms. Per gal., \$11.00, 5 gals., \$50.00.

PARIS GREEN. For chewing insects on potatoes and certain other hardy plants. Kills quickest. ¼-lb. carton, 25c; doz., \$2.00; 1 lb., 60c; 5 lbs., \$2.50; 25 lbs., \$10.75.

PENETROL. An activator for nicotine spraying solutions. Qt., 75c; gal., \$1.75; 5 gals., \$6.75.

PINE TAR. For tree surgery. Qt., 75c; gal., \$1.75.

POMO GREEN. With nicotine. 5 lbs., \$3.50.

PRATT'S FRUIT TREE SPRAY. A combined fungicide and insecticide, containing Sulphur, basic Arsenate of Lead and DDT for control of many chewing and sucking insects and fungus diseases on fruit trees, ornamentals and evergreens. 1 lb. sifter top can retails at 80c, per case of 24, \$12.48; 3 lb. bag retails at \$1.40, case of 16, \$14.56.

INSECTICIDE—Continued

PARA-SCALECIDE. A prepared combination of Scalecide and paradichlorobenzene making a liquid treatment for treating peach borers that is effective and safe on young and old trees with a considerable saving of labor of application. $\frac{1}{2}$ pt. cans retail at 75c each; carton of 24, \$11.70. Quarts retail at \$1.45 each; dozen, \$11.32. 1 gal. cans, \$3.25 each; 5 gal. drums, \$10.40 each.

PYRETHRUM POWDER. Lb., 75c; 5 lbs., \$3.50; 10 lbs., \$6.25; 25 lbs., \$14.75. Write for price on larger quantities.

RESPIRATORS. For mild fumigating and dusting. Each, \$3.30.

SCALECIDE. Dormant spray oil safest spray for fruit and ornamental trees. Qt. \$1.15; gal. \$2.75; 5 gals. \$9.30; 55 gals. \$53.00.

SEMESAN. The universal seed disinfectant and plant stimulant. Important for control of damping off of seedlings, Gladioli, and disinfection of seed bed soil. $\frac{1}{3}$ oz. pkg., doz., \$1.60; 2 oz., 60c; doz., \$4.80; 12 oz., \$2.85; 4 lbs., \$13.40; 25 lbs., \$72.65; 100 lbs., \$276.20. Write for leaflets, stating for what purpose desired. Write for leaflets on Semesan, Semesan Jr. and Semesan Bel.

SNAROL With Metaldehyde. An insecticide bait to combat snails, cut worms, sow bugs and grasshoppers. 1 lb., 35c; doz., \$2.80; $2\frac{1}{2}$ -lb. pkg., 75c; doz., \$6.00; 6 lb., \$1.50; 50 lbs., \$6.75.

SPECIAL SEMESAN. Control for brown patch, dollar spot, etc. in bent lawns. 1 lb. doz., \$21.90; 4 lbs., \$8.40; 25 lbs., \$52.05; 100 lbs., \$197.60.

SPECIAL RED ARROW. A pyrethrum spray for controlling leaf rollers and leaf tyers especially. Per quart, \$5.50; gallon, \$17.50.

SPERGON SEED PROTECTANT. 1 oz., 25c; doz., \$2.00; 1 lb., \$2.25; 10 lbs., \$16.00; 100 lbs., \$125.00.

SPERGON WETTABLE GRADE. 4 oz. each, 50c; carton of 12, \$3.60; 1 lb., \$1.25; 10 lb. drum, \$8.50; 50 lbs., \$34.00; 100 lbs., \$66.25.

SULPHATE OF IRON. A remedy for weeds on lawns, kills dandelions without injuring grass. Apply liquid with a fine spray. Particulars on application. 5 lbs., 50c; doz., \$4.00; 10 lbs., 85c; 25 lbs., \$1.75; 100 lbs., \$4.50.

SULPHUR FOR SPRAYING. Magnetic spray. Wettable. Goes into suspension in water immediately like colloidal sulphur, at a lower cost. 4 lbs., 75c; 6 for \$3.00; 100 lbs., \$8.75.

TARTAR EMETIC. A spray for the control of Thrip, a life saver for gladiolus growers. 1 lb., \$1.00; 5 lbs., \$4.75; 25 lbs., \$21.25; 100 lbs., \$75.00.

THRIP JUICE No. 2. Destructive for mealy bug, scale, thrip, codlin moth, canker worm, beetles, caterpillars, etc. Pt., 90c; qt., \$1.50; gal., \$5.50.

TOBACCO DUST. Regular Grade. Fine for dusting. 1 lb. package, each 30c, carton of 12, \$2.40; 5 lb. packages, each 80c, per dozen, \$6.40; 10 lbs., each, \$1.35, per carton of 6, \$5.40; 25 lb. bag for \$2.25; 100 lbs., \$5.25.

TOBACCO STEMS. 100 lbs., \$3.25; 500 lbs., \$13.50.

TO-NA-CIDE. Price 25 lbs., \$5.75; 50 lbs., \$10.50; 100 lbs., \$20.00.

TRI-GEN SPRAY. Three-way Spray, Insecticide, Fungicide, Stimulant. Outstanding rose spray, contains Fermate. E Kit retails at \$1.35, per dozen, \$10.80; A Kit retails at \$2.25, per dozen, \$18.00; B Kit retails at \$6.00, per dozen, \$48.00; C Kit retails at \$9.00, 6 for \$36.00; D Kit, Estate Size, retails at \$30.00, price each, \$20.00.

TRI-GEN DUST. 1 lb. package retails at 85c, packed 24 to a case, per case, \$13.68. 5 lb. retails at \$3.50, per carton of 12, \$28.08.

TRITON B-1956. An efficient emulsifier and spreader for insecticides and fungicides. Goes much further than ordinary spreader. Per gal., \$7.25; 5 gal. can, for \$34.25; 50 gal. drum \$295.00.

VAPOTONE XX Insect Spray. Particularly effective against Red Spiders, Aphids, and many other insects; has been approved for use in greenhouses and on nursery stock. 4 oz. per case of 24 cans \$16.00; pints per doz. \$22.00; 1 gal., \$11.90.

VOLCK. The Scientific Insecticide for nursery, greenhouse and garden. Controls scale, insects, mealy bug, white flies, red spiders, rust mites, aphids and thrips. 4 oz. bottles, per case of 24, \$5.60; 16 oz. bottles, per case of 12, \$5.60; gallon, each \$2.85; 5 gals., \$8.25; 28 gal. drum, \$31.00.

G&O CROW REPELLENT. $\frac{1}{2}$ pt. retails for 40c; packed 24 to a carton, price per carton, \$6.40; pint retails at 60c. Price per doz., \$4.80.

RABBIT REPELLENT. With safety to all including the rabbits. This 200 mesh fine snuff-like product is impregnated with rain resistant repelling "naturals" so that an application should last several weeks. 5 lb. package will treat 100 to 150 individual plants or 200 to 250 running feet of plant row. Retails for 50c; per carton of 24, \$8.00; 5 lb. bag retails for \$1.75. Per carton of 6, \$7.00.



ITEMS YOU CAN SELL

Following popular insecticides are priced in quantity for your use and also in small package assortments for re-sale.

Items below ordered in less than quantity quoted will be billed at a higher rate.

ACME ROTENONE GARDEN GUARD. A combination spray for controlling sucking and chewing insects. Can be used as a dust or spray. 1 lb. handy shaker top carton price, 50c; doz., \$4.20; per case of 24 cartons, \$8.00; 4-lb. pkgs., per case of 12, \$8.64.

ACME ALL ROUND SPRAY. 1 lb. package retails at \$1.10, per case of 24, \$17.52; per dozen packages, \$9.00; 4 lb. package retails at \$3.50, 6 for \$14.20; carton of 12, \$27.84.

ACME 6% CHLORDANE DUST. For dusting in gardens and on lawns to control ants, cut worms, chiggers, wire worms, etc. 1 lb. sifter top carton retails each 60c, per dozen, \$5.10; per carton of 24, \$9.60; 4 lb. bag retails at \$1.50; 6 for \$6.30; carton of 12, \$12.00.

ACME RED RIVER POTATO MIX WITH D. D. T. A special formula for potatoes. 1-lb. bags, doz., \$7.00; carton of 24 bags, \$13.44; 4-lb. bags, \$2.60; six for \$11.50; carton of 12 bags, \$22.56.

ANT KILLER. Master $\frac{1}{2}$ -oz. bottles, doz., 75c; 2-oz., doz., \$2.00; 4-oz., doz., \$4.00.

ACME STOP TREE BANDING COMPOUND. 1 lb., retails at \$1.05; per doz., \$9.00; per case of 24, \$16.80; $7\frac{1}{2}$ lb. can, each, \$6.25; 4 for \$16.65.

ARAMITE-15W. Dry Wettable powder. A new miticide which can be sold under experimental label for use to control mites on a wide variety of crops, including citrus, deciduous fruits, ornamentals, and vegetables. Outstandingly effective at low dosages. 4 oz. retails \$1.00 each; doz., \$7.20; 4 lb. bag, each, \$3.20, 100 lb. drum, each, \$77.00.

ANTU RAT PASTE (5% Antu). 2 oz. canister retails 35c; price per dozen, \$2.52; 4 oz. tube retails \$1.00; price per dozen, \$7.20.

BENZENE HEXACHLORIDE 5% Gamma Isomers, Deodorized. 1 lb. cans retail at 75c each; 12 for \$6.00. 4 lb. cans, \$2.60 each.

BENZENE HEXACHLORIDE 12% Gamma Isomers, Deodorized. 1 lb. cans retail at \$1.05 each; doz., \$8.40; 4 lbs., \$3.60.

BLACK LEAF 40. Oz. bottles, doz., \$2.95; carton of 24, \$5.58; 5-oz. bottles, doz., \$8.55; 1 lb., \$2.25 ea.; 2 lbs., \$3.25 ea.; 5 lbs., \$7.40 each. 10 lb. can \$12.65.

DU PONT FLORAL DUST. Kills insects and stops diseases. 8 oz. dust gun retails at 79c, case of 2 dozen, \$12.80; 1 lb. canister retails at \$1.15, carton of 12, \$8.65; 4 lb. canisters retail at \$3.50 each, carton of 6, \$14.00.

DU PONT ROSE DUST. Stops foliage diseases. 8 oz. dust gun retails at 69c each, carton of 24, \$11.00; 1 lb. canisters retail at \$1.00 each, carton of 12, \$7.50.

DU PONT FRUIT TREE SPRAY. Insecticide-fungicide. 1 lb. canister retails at \$1.15 each, carton of 12, \$8.65; 3 lb. bags retail at \$2.75 each; carton of 8 bags, \$13.75.

DOGZOFF. Keep dogs and other animals away from trees, shrubs, evergreens, etc. Bottle, 75c; doz., \$6.00; gross, \$64.80.

DOGZOFF AEROSOL BOMB. 11 oz., each, \$2.25; doz., \$18.00.

EVERGREEN. A pyrethrum spray. Price, 1 oz., doz., \$2.80; 6 oz., doz., \$9.25; gals., each, \$12.60.

McCORMICKS RED ARROW. Rotenone dust. 2 lb. pkg., 50c; Retails at 60c; carton of 12 pkgs., doz., \$4.80.

NICOTINE PYROX. 20-oz. jars. Doz., \$5.40; carton of 24, \$9.66; 5 lbs., \$2.00; case of 8, \$12.60; 25-lb. drum, \$7.00; 50-lb. drum, \$11.50.

OPTOX. A well balanced Rotenone-Pyrethrum spray. 1 oz. bottles retail at 35c each; per dozen, \$2.70; 6 oz. retails \$1.25 each; per dozen, \$10.00. Quarts each \$3.70; gallon each, \$12.00; 5 gallons, \$52.50.

PYROX. Combination insecticide and fungicide. 25 lbs., \$6.00; 50 lbs., \$9.00.

RATU (25% Antu). 2 oz. canister retails 60c, price per dozen \$4.32.

RED ARROW PYRETHRUM AND ROTENONE INSECTICIDE. 1-oz. bottles, carton of 24, \$5.40; 4-oz. bottles, doz., \$8.00; pint, \$2.50; qt., \$3.60; gal., \$12.95.

RED ARROW. $\frac{3}{4}$ % Rotenone Dust. 5 lb. bags each, \$1.35; 6 for \$6.00.

SLUG SHOT. Hammond's Improved. An insecticide for destroying chewing insects. Doz. 1-lb. pkgs. for \$4.80; carton of 24 pkgs., \$8.64; 5-lb. pkgs., 12 for \$14.04; 25-lb. bag, \$5.00; 50-lb. bag, \$10.00.

TREE TANGLEFOOT. 1 lb. cans, per dozen, \$12.00; 5 lb. cans, per case of 6, \$28.00. 25 lb. pails, each \$21.00, 3 for \$59.64.

WARFARIN READY MIX. .025%. 1 lb. cans retail at 95c each; 12 for \$7.50; carton of 24, \$14.40. 5 lb. cans retail at \$2.95 each; 12 for \$22.60.

WETTABLE DUSTING SULPHUR. Put up in attractive 2-lb. cans, which retail at 55c each. Per case of 12, \$4.68.

YAMTOX WITH D. D. T.

DDT Yamtox contains the full complement of rotenone necessary for the control of red spiders and other mites, thrips and aphids. The incorporation of 5% DDT in it widens its range of use to the satisfactory control of tarnished plant bug and leaf rollers. Price per gallon, \$12.00; case of 6—1 gallon cans; \$11.00 per gallon.

Chlordane, Rivals D. D. T.

ACTA-KILL. (Water Base—2½% Chlordane). Especially for household uses. It is a non-staining, non-oily liquid with a delicate cedar aroma. Killing power lasts for weeks. ANTS, cockroaches, flies, water beetles, silverfish, moths destroyed. For plants dilute with five parts water. Pint retails 79c; case of 24, \$11.38; quart retails \$1.39, case of 12, \$10.00.

ACTA-KILL EMULSION CONCENTRATE. (Water Soluble—45% Chlordane). For crop and animal spraying, farm buildings, animal areas, and household use. Recommended maximum dosage 1 qt. per acre. ½ pints retail \$1.25, case of 12, \$9.00; pints retail \$1.95, case of 12, \$15.20; quarts retail \$3.25, case of 6, \$13.65; gallon jugs retail \$7.75, case of 4, \$24.80; 5-gallon pails, \$28.50.

SYNKLO 50 W Chlordane Wettable Powder. 8 oz. retails each, \$1.50; per case of 12, \$10.80. 1 lb. retails each, \$2.50; per case of 12, \$18.00; 10 lbs. each, \$10.80; 100 lb. drum, \$81.00.

HOME GARDEN INSECTICIDES

A triple acting dust for garden plants which kills insects of all types, and protects against fungus diseases. 4 oz. Sifter Top, retails at 25c, per case of 24, \$3.34.

8 oz. handy applicator gun retails for 85c; price per case of 24 guns, \$13.68. 10 oz. Refill Cartridge, retails 65c each; per case of 24, \$10.34. 2 lb. Refill pkg., retails at \$1.79; per carton of 12, \$15.04.

EndoPest

A preparation of 2-4D in liquid form which kills most lawn weeds. ½ pint retails at 98c, per case of 24, \$14.16; qt. retails at \$2.69, per case of 12, \$19.44.

EndoWeed

DUST AND PUMP GUNS

ACME TOMATO DUST. 1 lb. sifter carton, retails at 60c; per doz., \$5.20; per carton of 24 pkgs., \$9.84; 4 lb. bag retails at \$1.50; per carton of 12 bags, \$12.96.

ROTENONE GARDEN GUARD PUMP GUN. The old proven Rotenone insecticide which controls both sucking and eating insects. A full pound in a pump gun duster ready to use. Retails 65c ea.; per doz. \$5.45; carton of 24 pkgs., \$10.40; 4 lb. bag retail at \$1.00; per carton of 12, \$8.64.

D-CON (Warfarin) The sensational new pest destroyer guaranteed to clear your place of rats and mice. Safe, clean, easy to handle. D-Con 8 oz. Concentrate with Lurex (makes 6 lbs. bait). Each \$2.98, 12 for \$24.00. D-Con 1 lb. Ready-Mix with Lurex. Each \$1.69, 12 for \$13.68. D-Con's Mouse Prufe—4 oz. ready for use in handy household package. Each 89c, 12 for \$7.20.



Protexall Combats All Plant Pests

PROTEXALL, introduced by us as a one shot spray or dust using new post-war insecticides and fungicides to combat almost all insects and plant diseases with one treatment, has been remarkably successful.

PROTEXALL SPRAY, 1 oz. package retails at 40c, price per carton of 24, \$5.76; 4 oz. package retails at \$1.25, per carton of 12, \$9.00; 1 lb. package retails for \$3.75, per carton of 12, \$27.00, 5 lb. package, \$13.00. 1 oz. will make approximately 4 gallons of spraying solution.

PROTEXALL DUST, 1 lb. package retails 95c, price per carton of 24 packages, \$13.68; 4 lb. package retails at \$3.50, per carton of 12, \$25.20; 50 lb. bags each, \$30.00.

PLANT HORMONES

SEED-PROTECT. Protects corn, many varieties of seeds from fungi. Another Protex item that should have volume sales. Can be sold with every purchase of seeds. Just let your customer know that you have it! They won't buy what they don't know exists. 2 oz. 35c; doz., \$2.52; 16 oz., \$2.00; doz., \$14.40; 5 lbs., \$6.00; 50 lbs., \$52.50.

ROSETONE. A proven combination of Hormones and Vitamins. Insures the success of your roses. Soak roots of bushes in Rosetone before planting. Water your established rose bushes for better growth. ½ oz. package retails at 25c, per Display Carton of 72 packages, \$12.00; 3 oz. retails for \$1.00, per Display Carton of 36, \$24.00.

VITAMIN B-1 TABLETS. Vitamin B-1 Tablets, the famous Plant Magic brand, containing extra growth-substances. The proved transplanting aid. Also for flower-plant feeding and for fortifying vitamin-deficient soils. Garden magazine articles report amazing results. Each tablet makes 2 to 7 gal. Puckett retails, 25c; doz. pkt., \$1.80. 100 tablet bottle, 50c; doz. bottles, \$3.60.

CALIFORNIA LIQUID VITAMIN B1. Four oz. bottle makes 30 gallons of solution. 1 teaspoon to one gallon of water. 4 oz. size retails at 35c, per dozen, \$2.80; 8 oz. retails at 50c; per dozen, \$4.00.

RootONE

PATENTS PENDING

treat 3,000 cuttings, \$1.00; doz., \$8.00; 1-lb. jar will treat up to 30,000 cuttings \$5.00. Write for leaflet, all postpaid.

A Hormone powder easy to use, anyone can apply safely; no skill is needed to apply; Rootone—no measurements, no vials, no elaborate charts to follow—just dip and plant. Price, ¼-oz. pkt., 25c; doz., \$2.00; 2-oz. jar, enough to

Rootone No. 10. For slow to root evergreen cuttings. 2 oz., each, \$2.00; 1 lb., each, \$10.00.



Transplantone For treatment of transplants of all kinds it contains the root forming hormones, vitamin B-1 and other members of the vitamin B complex, which are important in plant growth. ¼-oz. pkt., each, 25c; doz., \$2.00; 3 oz., \$1.00; doz., \$8.00; 1 lb., \$4.00.

Fruitone. The hormone spray for stopping pre-harvest drop of apples and other fruits. Also reduces drop of flowers and leaves. 2½ oz. pkt. dozen, \$2.00, retails at 25c per pkt.; 2 oz. (makes 25 gal. spray); \$1.00; doz., \$8.00; ½ lb., \$1.75.

Write for price on larger quantities.

Hormodin Powder Combination package. No. 1, 2, 3, in one carton. Price 75c; doz., \$6.00.
No. 1 Powder 1¾-oz. tin, each, 50c; 1b., \$3.00.
No. 2 Powder 1¾-oz. tin, each, 75c; 1lb., \$4.50.
No. 3 Powder 1-oz. tin, each, \$1.00; ½ lb., \$4.50.

SEED-LESS-SET (Concentrate) HORMONE SPRAY

A new scientific development insures "set" of first tomato flowers which usually fall off during early spring; eliminates seeds; causes weeks earlier ripening; increases yield and size of fruit; pollinates self-sterile plants. ½ oz. makes 1 gal. each, \$1.00; per doz., \$7.20. 2 oz. makes 4 gal. each, \$2.50; per doz., \$18.00. 8 oz. makes 16 gals. each, \$7.50; six for \$30.00. 20 oz. makes 40 gals. each, \$12.50.

CONA COPPER NAPHTHENATE WOOD PRESERVATIVE.

Can also be used for treating burlap. Will guard against rot and termites. Is safe, nonirritating, and as easy to use as paint. Cona-One is ready to use. Each gallon of Cona-Six makes 4 gallons of treating solution when thinned with mineral spirits such as insecticide base or turpentine substitute. Cona is prepaid in quantities of 20 or more gallons.

Cona-One, 1 gal. cans, \$1.30 ea.; 5 gal. drum, \$5.25; 55 gal. drum, \$49.50 each.

Cona-Six, 1 gal. cans, \$3.90 ea.; 5 gal. drum, \$18.25; 55 gal. drum, \$192.50 each.



CUPRINOL NO. 14 FOR FLORISTS. Recommended for general use in wood preservation around the greenhouse for stakes, flats, benches, etc. Covers approximately 400 sq. ft. Brush applied. May also be used for dipping. Price 5 gals. for \$14.25; 50 gal. drum, \$132.50.

CUPRINOL WOOD PRESERVATIVE EXTRA STRENGTH. Recommended for brush application for permanent structures. Price per gallon, \$4.70; 5 gallons, \$22.00; 50 gallon drum, \$210.00.

CUPRINOL FOR FABRICS. Prevents fabrics such as shading cloth from rotting and mildewing may be swabbed on, dipped or fogged on with any type sprayer. 1 gal., \$3.85; 5 gals., \$17.75.

CHEMICAL WEED KILLERS

WEEDONE BRUSH KILLER 32. Butoxy Ethanol Ester Formulation 2,4-D acid equivalent, $1\frac{1}{3}$ lbs. per gallon. 2, 4, 5-T acid equivalent, $\frac{3}{4}$ lbs. per gallon. Price, per gallon, \$9.25; case of 6 gallons, \$53.40; 5 gallons, \$42.50; 54 gallon drum, \$418.50.

WEEDONE CONCENTRATE 48. Contains approximately 39% ethyl ester, or 3 lbs. (48 oz.) of 2,4-D acid equivalent per gallon. 1 gallon cans each \$5.50; case of 6, \$28.74; 5 gal. cans, each \$22.90.

WEEDAR 64. Contains approximately 68% of the alkanolamine salt of 2,4-D or 4 lbs. (64 oz.) 2,4-D acid per gallon. 1 gallon cans, each \$5.60; case of 6, \$30.12; 5 gal. cans, each \$24.50.

WEEDUST.—2,4D. 12 oz. Shaker top. Each, 75c; doz., \$6.00.



NEW IMPROVED WEEDONE. Contains 2.4D plus 2,4,5-T. With this combination of weed killers you can keep your grounds free from almost any unwanted plant growth. This newest improved Weedone will control Willow, Locust, Sumac, Poison Oak, Poison Ivy, and other woody weeds. 8 oz. covers 1500 sq. ft., retails at \$1.00, per case of 36, \$21.60; qt. cans retail at \$2.75, per case of 12, \$19.80; gallon retails at \$6.95, per case of 6, \$29.19; 5 gallons retails for \$25.00, each \$20.00.

BARWEED. This is a liquid form of 2,4D for control of Dandelions Plantain and other lawn weeds; will not harm grass. 8 oz. bottle sufficient to treat average lawn. Retails at 50c per carton of 24, \$6.00. Three cartons for \$16.50.

NOTT'S SEL-TOX

NEW SELECTIVE CRAB GRASS KILLER

It contains phenol mercuric acetate solubilized, which has been proved in exhaustive tests to kill crab grass without injuring desirable lawn grasses. It can be used at any stage of growth, from the seedling stage to maturity, with equal effectiveness. Though a poison, it is mixed with water 100 times its bulk, and is easily handled with safety at all stages. Apply with watering can or sprayer. Complete directions on each bottle.

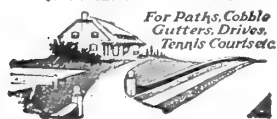
Quantity	Area Treated	Retail Price
8 oz.	1,000 sq. ft.	\$1.00
16 oz.	2,000 sq. ft.	1.50
Quart	4,000 sq. ft.	2.50
Gallon	16,000 sq. ft.	\$9.00 by exp. collect.

DUPONT AMMATE WEED KILLER

(Ammonium Sulfamate). A non-poisonous weed killer which can be applied by hand or power sprayer or can be applied dry. Will kill poison ivy, poison oak, poison sumac, dandelions and plantain. Use $\frac{3}{4}$ to 1 lb. to a gallon of water. Price, 2 lb. bottle, \$1.00; 6 lb. jar, \$2.70; 50 lb. drum, \$13.00.

HERBICIDE

THE WEED EXTERMINATOR



For Paths, Cobble
Gutters, Drives,
Tennis Courts, etc.

For ordinary grass and weeds, each part of Herbicide may be diluted with forty to fifty parts of water. One gallon will cover app. 2,500 sq. ft. Herbicide is a poison. Livestock should be kept off the treated ground until the dead leaves wither away. Qt., 85c; gal., \$2.00; 5 gals., \$7.50; 55 gals., \$42.00.

Crab-Not Is Best Crab Grass Killer

Contains Potassium Cyanate—Recommended in April, 1950 Issue of Better Homes & Gardens

Since 2,4D made it easy to kill dandelions with a spray, crab grass has become the No. 1 Weed in lawns throughout this country.

Potassium Cyanate (PC for short) is nonpoisonous, an entirely distinct product from the deadly potassium cyanide. It is safe to use where pets and children play.

Two formulae of Crab-Not are offered, Standard, the processed form of PC alone; Special, a combination of PC and 2,4D. The special formula kills dandelions, chickweed and other lawn weeds together with crab grass in the same operation.

FORM 1—STANDARD FORMULAE

Size:	Retail Price	Packing Per Case	Shipping Weight	Approx. Coverage	Dealer Cost Per Case
4 oz.	\$1.00	12	5 lbs.	600 sq. ft.	\$ 7.20
16 oz.	2.95	12	16 lbs.	2,400 sq. ft.	21.24
6-lb.	10.95	2	14 lbs.	14,400 sq. ft.	15.30
40-lb.	51.50	1	45 lbs.	2 $\frac{1}{2}$ acres	41.60

FORM 2—SPECIAL FORMULAE, WITH 2,4D

Size:	Retail Price	Packing Per Case	Shipping Weight	Approx. Coverage	Dealer Cost Per Case
4 oz.	\$1.25	12	5 lbs.	600 sq. ft.	\$ 9.00
16 oz.	3.50	12	16 lbs.	2,400 sq. ft.	25.20
6-lb.	12.50	2	14 lbs.	14,400 sq. ft.	17.90
40-lb.	59.00	1	45 lbs.	2 $\frac{1}{2}$ acres	49.50



DOG-CHECK. The ideal repellent as a means of checking doggie habits. Safe and harmless to use. New formula will permit spraying on new growth. Unaffected by rain, one spraying usually lasts from two to three weeks. 3-oz. size, 60c; display carton of 12, \$4.32; 8-oz. size, \$1.00; display carton of 12, \$7.20.

DOG CHECK POWDER. Keeps dogs off furniture. 2 oz. size, 35c; display carton of 12, \$2.52. 8 oz. size, \$1.00; display carton of 12, \$7.20.

ANT-"X" JELLY BAIT. Tubes, garden size, 35c; display carton of 12 tubes, \$2.52.

ANT-"X" TRAPS. Death box. 300 grain size for grease and sweet eating ants, each, 25c; display box of 12 traps, \$1.80.

RAT-NOTS. The safe way to exterminate rats. Prepared bait containing squill can be used without fear of harming humans, dogs, livestock, etc. Trial size, 9 Nots, 25c; display carton of 12 pkgs., \$1.80; estate size, 50 Nots, \$1.00; display carton of 12 pkgs., \$7.20.

MOUSE-NOTS. Impregnated seed bait kills mice. Fall is a good time to destroy mice in the house or orchard. Trial size, 9 Nots, 25c; display carton of 12 pkgs., \$1.80; estate size, 50 Nots, \$1.00; display carton of 12 pkgs., \$7.20.

MOLE NOTS. Life saver for lawns and seed beds. Trial size 8 Nots, 35c; display carton of 12 pkgs., \$2.52; estate size contents, 50 Nots, \$1.00; doz., \$7.80; jumbo size contents, 125 Nots, \$2.00; doz., \$14.40; gardener size contents, 400 Nots, \$5.00; doz., \$36.00.

5% discount on orders of six display cartons of the above.



Use original, patented FLORALIFE! Bring customers back for more of your cut flowers because they last 5 to 10 days longer! Blossoms hold color and fragrance. No need to change water or to re-cut stems. Opens buds extra wide!

BULK SIZES

FLORALIFE sells on sight at 10c to all flower lovers. A fine profit for you. Packet prices in cartons: 25 2-qt. size, \$1.25; 100 2-qt. size, \$5.00.

Enclose a packet with each sale. And put it in your vase-flower orders. Also in your stock pots. FLORALIFE makes flowers, under refrigeration, last weeks longer.



FLORALIFE IN BULK

30-qt. size (\$1 retail).....	\$ 0.60
100-qt. size (\$3 retail).....	1.75
250-qt. drum (10 lbs. net).....	4.00
500-qt. drum (20 lbs. net).....	7.50
1000-qt. drum (40 lbs. net).....	13.50
2000-qt. drum (80 lbs. net).....	25.00

FLORAGLOW. Beauty treatment for pot plants. Just spray or wipe on. Instantly produces beautiful and lasting luster, yet looks natural.

Handsome, Colorful Counter Display

Per case of 24—6 oz. bottles, 18 lbs.	\$ 6.50
Per case of 24— 6 oz. spray tops for above	3.00
Per case of 12—32 oz. bottles, 40 lbs.	10.10
Per gallon, for florist use, each	2.00

FLORAWAX. To prevent wilting of arrangements and greens of all kinds. Spray or dip flowers. Per gallon, \$2.50; 5 gal. drum, \$10.00.

SNO-PAK. The ideal floral base. Keeps flowers fresh. Saves labor, wire, picks. Useful in great number of arrangements.

Per case of 24 bricks (Regular) 6 lbs.	\$11.42
Per case of 48 bricks (Jumbo) 8 lbs.	20.38

Vaughan's High Grade Fertilizers

The Yield and Quality of Vegetation Depend Upon Continuous and Rapid Growth.

All Prices Are F. O. B. Chicago Unless Otherwise Noted.



Armour Vertagreen Plant Food. Vertagreen is a high quality blended and balanced plant food for lawns, flowers, shrubs, trees and garden vegetables. 1 lb. package retails 15c, per case of 32, \$2.88; 5 lb. package retails for 50c, per carton of 12, \$3.84; 10 lb. bag retails for 90c, per case of 6, \$3.54; 25 lb. bag retails for \$1.60, each \$1.05; 50 lb. retails at \$2.65, price each, \$1.85; 100 lb. bags retail for \$4.25; per ton \$58.00.

Special Tree and Turf Food (10-8-6) Containing 10% Nitrogen, 8% Phosphate and 6% Potash. Especially prepared for lawns, trees, shrubs etc. Price per 100 lb. bag, \$3.95; ton, \$71.20.

Vigoro The complete plant food supplies all the elements necessary for growing plants. It is economical and easy to apply. Use Vigoro in your greenhouse. It will aid you in obtaining higher quality flowers and vegetables at lower costs, which means more profit for you. Sell Vigoro to your retail trade for use on flowers, lawns, ornamentals, vegetable gardens. It is nationally known. For House plants sell Vigoro Tablets, convenient to use. Write for free cutting charts and greenhouse culture book. Price 100 lb. bag, \$2.90 each; 50 lb. bag, \$1.85 each; 25 lb. bag, \$1.05 each; 10 lb. bag, 6 per case \$3.54 per case; 5 lb. bag, 12 per case, \$3.84 per case; 1 lb. bag, 32 per case, \$2.88 per case. 500 lbs. or more delivered free to your railroad station within 500 miles of Chicago.



Vigoro Tablets. Per case of 48 pkgs. of 12 tablets, \$3.96



Mineralized Loma High Analysis 8-8-8 This plant food supplies 15 essential minerals, not merely as traces, but in sufficient quantities to enable the plants to derive full benefit from the abundant Nitrogen, Phosphoric Acid and Potash in the mixture. 25 lbs. retails for \$2.50, price per bale of 4, \$6.60; 100 lb. bag retails at \$8.00, 5 bags for \$26.50. 500 lbs. or more delivered free to your railroad station within 500 miles of Chicago.

The above well known balanced plant foods are prepaid in lots of 500 lbs. or more within 500 miles of Chicago.

Loma Analysis 5-10-5 A scientifically prepared plant food for flowers, vegetables and potted plants. 5-lb. carton, 12 in case, per case, \$3.60; 10-lb. bags, 10 in a sack, per sack, \$5.60; 25-lb. bags, 4 in a sack, per sack, \$4.68; 50-lb. bags, 2 in a sack, per sack, \$3.84; 100-lb. bag, \$3.15; 500 lbs., \$15.75; 1,000 lbs., \$31.50; 2,000 lbs., \$63.00. 500 lbs. or over \$10.00 per ton freight allowance or direct shipment from fertilizer plant in Lockland, Ohio.

Special Balanced Rose Food

SPECIAL! 7-8-5. An organic, no filler, 100% plant food of dried blood, fish scrap, bone meal, potash, cottonseed meal and phosphate. This is a special mixture for growing roses and is a balanced, all-purpose fertilizer which can also be used on all flowers, shrubbery, etc. This type mixture has been used by commercial growers and florists for many years and has given excellent results. 5-lb. bag retails for 85c, price, per carton of 12 packages, \$6.00; 10-lb. bag retails for \$1.35, price, per carton of six, \$5.40; 25-lb. bag, \$2.25 each, per case of six, \$12.00; 100-lb. bag, \$6.75 each, five for \$32.50.



eedz an' Weedz. With this dry mixture you can kill lawn weeds and stimulate lawn grasses to fill places left vacant, all in one operation. A way has been found to mix a balanced plant food, 6-10-4, with the selective weed killer, 2,4-D, so that both retain full effectiveness. Use a fertilizer spreader to apply to the lawn, at the rate of 1½ pounds for 100 square feet. If your spreader requires it, mix in sand to help spread evenly, and be sure the grass is dry. Wash it in with the hose, as with any dry plant food. 10 lbs., covers 600 square feet, retails at \$1.85, carton of 6 packages, \$6.60; 25 lb., covers 1,500 square feet, retails at \$3.00, 4 for \$7.60; 100 lbs., \$6.75.

VAUGHAN'S STEAMED BONE MEAL

This is a special brand we have put up for our trade. It is ground fine, hence acts quickly. Free from acid, and a superb article. It is made from bone accumulated in large slaughter houses, and should not be compared with the bone meal made from cattle heads and feet gathered upon the western prairies. Our one has been slightly steamed to soften it and is thus quicker in its action. Analysis: Nitrogen, 2 percent; total phosphoric acid, 22 percent. 5 lbs., 75c; 10 lbs., \$1.50; 25 lbs., \$3.75; 50 lbs., \$7.50; 100 lbs., \$15.00; 500 lbs., \$75.00.

Quantity Required.—For permanent pasture and mowing lands, ½ to 1 ton per acre; for trees and vines, 2 to 4 quarts each; for top-dressing, 1000 to 1500 lbs. per acre; rose beds and plants, one part to about 50 of soil; for starting a new lawn, as a base, 3 to 5 lbs. per 100 square feet.

VAUGHAN'S SHEEP MANURE

This is a pure, natural Manure, and its effect is immediate; it is excellent for mixing with the soil for greenhouse plants—one part manure and six parts soil. It makes the richest, safest and quickest Liquid Manure. For use in liquid form, one pound to five gallons of water will make a liquid which can be used with safety daily if necessary. 5 lb. bags per bale of 6, \$1.70; 10 lb. bags per bale of 6, \$2.90; 25 lb. bags per bale of 6, \$4.80; 100 lbs., \$2.90; 500 lbs., \$14.00; 1000 lbs., \$27.50; 5000 lbs., \$137.50.

Adco Make it yourself; to each ton of straw, hay, cornstalks or dried leaves add 150 lbs. Adco to make four tons of fresh or three tons of rotted manure. 5-lb. bag, each, \$1.25; per carton of 10 pkgs., \$11.40; 20 lbs., \$2.75; 150 lbs., \$14.95.

IMPORTANT. The prices on this page are based on present prices of fertilizers and are subject to change as market fluctuates.

IMPORTED HORTICULTURAL GRANULATED CANADIAN

VAUGHAN'S PEAT MOSS

Canadian Peat Moss Granulated

A moisture retaining humus, an important aid in saving soil fertility. Better than manure. Large bales, \$4.50; 5 bale lots, \$4.20 per bale; 10 bale lots, \$4.00 per bale. Garden size bag of about 25 lbs., each, \$1.95; 10 for \$18.75.

German Granulated Peat Moss. We can now supply the German bales, price per bale, \$4.50; 5 bale lots at \$4.20 per bale, 10 bale lots at \$4.00 per bale.

Aluminum Sulphate For creating acid condition in the soil. 25 lbs., \$1.60; 50 lbs., \$2.75; 100 lbs., \$3.95; 200 lbs., \$7.70.

Active (Formerly Bacto). Make your own fertilizer easy, quick—often in as little as three weeks. Odorless! Organic! Just sprinkle Active on kitchen waste, leaves, garden rubbish, sewage sludge, etc. Sprinkle in outdoor toilets, reduces odors, makes easily handled ash of waste. No. 2 size \$1.00; treats 450 lbs. compost. Carton of 6, \$4.00; dozen, \$7.20; No. 7 size, \$2.50; treats up to 1800 lbs. Carton of 6, \$9.75; doz., \$18.60; No. 25 size, \$4.95; three for \$12.60; treats up to 3 tons compost. No. 50 size treats up to 6 tons compost \$8.25.

Armours All Soluble Plant Food 15-52-9. 50 lb. bag, price each, \$9.50.

Ammonium Nitrate Nitrogen content 34%, price 25 lbs., \$2.35; 50 lbs., \$3.50; 100 lbs., \$6.25; 500 lbs., \$30.50; 1000 lbs., \$60.00.

Bone and Blood Put up in 50-lb. bags. We can supply all sizes from powder to lump. Per bag, \$3.25. Write for price on larger quantities.

Charcoal A good fertilizer with a peat moss base impregnated with a high grade manure. 50-lb. bag, \$1.85; 5 bags for \$8.50; 10 bags for \$16.00.

J. M. T. C. ORG-A-NUR

Electra Analysis 5-10-3. A high organic plant food for feeding, forcing and finishing. It should be used in potting soil as a top-dressing. Helps bring plants to highest perfection. 25 lbs., \$2.75; 50 lbs., \$4.25; 80 lbs., \$6.00.

Es-Min-EI This contains all essential mineral elements which are necessary for good crops such as manganese, calcium, magnesium sulphur, iron, copper, zinc, barium, strontium, nickel, cobalt, vanadium titanium, tin, lead, chromium and boron. Many fertilizers or plant food mixtures do not contain these minerals but they can now be added to the soil. 5-lb. package is enough for 5000 square feet of space. 5-lb. package retails for \$1.50; price, per case of 10 packages, \$10.00; 100 lb. bag, \$11.25.

Fertil-Flo. A new soluble plant food 79% available. Contains 10% nitrogen, 52% phosphoric acid, 17% water soluble potash. When dissolved, no residue remains. A good starter solution. 1 lb. dissolved as instructed is sufficient for approximately 400 sq. ft. on lawn or garden. 3 oz. tins retail at 35c ea.; \$2.80 per dozen. 1 lb. retails at \$1.00 ea.; \$8.00 per dozen. 10 lbs., \$5.00. 25 lbs., \$7.50.



Groganic. 6-11-6 A long lasting plant food rich in organics. Contains no filler whatever. Bulk is provided by dried blood, fish scraps, castor pomace, and vegetable meal. Boron is added to correct acidity and manganese sulphate to prevent chlorosis (yellowing) in leaves. 5 lb. retails at 75c ea.; \$5.70 per dozen. 10 lb. retails at \$1.25 ea.; \$9.60 per dozen; 25 lb. retails at \$2.75; 6 for \$11.00; 80 lb. bags retail at \$6.25; 5 bags for \$20.60.

Horn Shavings Synthetic acting and lasting 25 lbs., \$2.50; 50 lbs., \$4.00; 100 lbs., \$7.50; 500 lbs., \$35.00. Write for prices on larger quantities.

Horn Shavings The regular old type shavings. 25 lbs., \$3.95; 50 lbs., \$7.45; 100 lbs., \$13.50.

Hy-Gro Plant Food Famous 13-26-13 soluble formula and starter solution.

Produces healthier growth and heavier yields—speeds earlier growth of seeds—checks wilting of transplants. Contains growths, hormones, minerals and other plant nutrients—provides all the food necessary for healthy plant growth. This formula was not obtainable during the war. 3 oz. glass jars retails at 40c, packed 24 to carton, price per carton \$6.00; 1 lb. jar retails at \$1.10, packed 12 to carton, price per carton \$8.65; 10 lb. container each, \$4.75; 25 lbs., \$7.50; 50 lbs., \$14.50; 100 lb. drum each, \$27.00.

Hyponex Contains all of the known major and minor elements of plant food with vitamin B1 added. Analysis 7% Nit., 6% Phos., 19% Pot. 1 oz. packet makes 6 gals. Retails at 10c, price per carton of 72 pkts., \$4.80; 3 oz. retails for 25c. Doz. \$2.00; 1 lb. retails for \$1.00. Doz. \$8.00; 10 lbs., \$5.34; 25 lbs., \$10.00; 50 lbs., \$16.67; 100 lbs., \$26.67.

Hydrated Lime For sweetening sour soil. Price per 10 lb. bag, 45c; 12 bags for \$4.80; 50 lb. bag price 95c; 6 bags for \$5.10.

Kapco Soluble Fertilizer. Analysis 15-30-15 with added minor elements. Mix 2½ to 3 lbs. to a 100 gallons of water per 400 sq. ft., 1 oz. per gallon per 4 sq. ft., once every two weeks or as needed. Feeds economically, uniformly, quickly and safely. Price. 25 lbs. \$5.50; 80 lbs. \$16.00; 240 lbs. \$45.60; 800 lbs. \$136.00.

Kapco Soluble Plant Food. Analysis 20-20-20. Price 25 lbs. \$5.75; 80 lbs. for \$16.80.

Lawn-Tex Organic Lawn Food. Total nitrogen organic 5%; available phosphoric acid, 2.25%. All organic, will not burn, long lasting, kiln dried. Recommended especially for lawns. Put up in 50 lb. bags. 5 bags for \$7.00; 10 bags for \$13.50; \$52.00 per ton.

FERTILIZER F. O. B. Chicago—Cont.

Milorganite Provides long lasting plant food. 100 lbs., \$2.95. 500 lbs., \$14.00; 1000 lbs., \$27.50.

Muriate of Potash Should be used liberally, especially for all root crops, 25 lbs., \$1.75; 50 lbs., \$2.75; 100 lbs., \$4.50. Write for prices on larger quantities.

Orchid Peat (Fern Roots). A wonderful fertilizer. Very useful for Orchids and Azaleas. \$4.75 per sack of about 2 bushels.

Plant Prod (15-30-15) A water soluble fertilizer. Is beneficial to all types plants, ornamental or vegetable. The economical and safe way to feed plants. Price 10 lbs., \$4.50; 25 lbs., \$8.50; 50 lbs., \$11.45; 100 lbs., \$21.00.

Potassium Nitrate (16-0-45) Contains 16% Nitrogen, 45% potash. Leaves no obnoxious soluble salts. Price, 100 lbs., \$19.75; 500 lbs. for \$93.75.

Pulverized Limestone For soil acidity, it improves the texture of the soil, lets in air and moisture, liberates 1000 nitrogen lbs., \$1.85; 500 lbs., \$7.75; 1000 lbs., \$14.00.

Plant Marvel. Feed as you water.

Economical! Use it indoors or outdoors. Convenient attractive lighographed container. 1/2 lb. can makes 125 gallons of liquid plant food 1/2 lb. can retails at 75c each, carton of 24, \$12.00. 1 lb. can retails at \$1.25 each, carton of 12, \$10.00; 10 lb drum \$5.50 each; 25 lbs \$12.50; 50 lbs \$22.50 each; 100 lbs. \$40.00 each. Handy Aluminum measure and directions included in each package. Trial size packet makes 50 qts. of Plant Food, retails at 25c each, carton of 24, \$4.00.

"Plant Life" (New) A well-known liquid fertilizer for house plants. Prices, retails 25c per bottle; packed 24 in a display carton, \$4.00; 8 oz., 50c; per carton of 12, \$4.00; gal., \$3.00.

Fulton's Plantabbs Odorless plant food in tablet form; supply a complete balanced plant food including Vitamin B-1. Prices, put up in boxes, 10c size, doz., 75c; 25c size, doz., \$2.00; 50c size, doz., \$4.00; \$1.00 size, doz., \$8.00; \$3.50 size, each, \$2.35. Special discount of 5% on orders totaling \$6.00; 10% on orders totaling \$12.00.

Rhodo Azalea Food (3-20-3) 5 lb. package retails at 85c; carton of 12 packages, \$6.00; 10 lb. package retails at \$1.35; price per carton of 6, \$5.40; 100 lb. bag, \$6.45.

Take-Hold High analysis plant food 10-52-17 plant starter. Supplies needed ingredients immediately. Leaves no sludge to clog sprayer. Plants mature earlier. For flowers, vegetables, shrubs and pot plants. 3 lb. package, each 95c; per carton of 15, \$9.50.

Di-Ammonium Phosphate (Analysis 21-52-0) Price 100 lbs., \$12.95; 500 lbs., \$62.50.

Ruhm's Lime Phosphate 80 lbs., \$1.95; 480 lbs., \$8.75; 960 lbs., \$15.00; 2000 lbs., \$29.00.

Shredded Cattle Manure An efficient, high grade natural fertilizer for all general purposes, manufactured by special process from selected fresh cleanings from cattle pens. There is no offensive odor. If applied to the lawn in the fall it protects the grass roots all through the winter. 100 lbs., \$2.90; 500 lbs., \$14.00; 1000 lbs., \$27.50; 2000 lbs., \$54.00.

Special Turf (10-6-4) A high grade 40% organic plant food for lawns, trees and shrubs. Price 100 lbs., \$6.25; 2000 lbs., \$115.00.

Super Phosphate 20% available. Bone phosphate the most available form. Used on grain crops and others requiring an excessive amount of phosphoric acid. Prices, 25 lbs., \$1.00; 50 lbs., \$1.65; 80 lbs., \$2.00; 480 lbs., \$10.00; 960 lbs., \$19.50; 2000 lbs., \$39.85.

Super-Gro. Organic and mineral soil builder Non-burning. This organic compost is processed from anal and packing house refuse (blood meal, tankage, etc.) into compost. No sand or other filler is used. Price per 80 lb. bag, \$3.25; 6 bags for \$17.40; 12 bags for \$33.00.

Sulphate of Ammonia. 100 lbs., \$4.45; 500 lbs., \$20.00.

Terra-Lite (Mica Magic) Vermiculite for agricultural and horticultural growing. A sterilized seed starting medium composed of particles of natural mica. Holds water like a sponge without caking or packing down. It has been sterilized at over 2000° F. Since it is disease free, danger of damping off is eliminated from soil borne causes. Put up in 4 qt. packages for resale. Retails at 40c each. Per carton of 12, \$2.94; 1/2 bushel bag, each 85c; carton of 6 bags, \$3.18; 2 bushel bag each, \$1.25; 10 bags \$11.50; 4 bushel bag each, \$1.75; 10 bags, \$16.00.

Universal Acid Plant Food (Analysis 5-12-4) A specialty plant food for the more difficult acid loving plants. It creates an organic acid soil condition, is not toxic to roots. Promotes root growth and plant growth which permits growing, training and flowering with safety. Price per 80 lb. bag, \$6.00.

Urea A highly concentrated inorganic fertilizer containing 46 percent available nitrogen, clean, odorless, stainless, for flowers, vegetables, berries, shrubs, lawns, ornamental and fruit trees 92 times stronger than manure. Price, 25 lbs., each, \$3.75; 100 lbs., \$11.95.

TERRA COTTA GRASS GROWING HEADS

Heads should be soaked in water for 24 hours; also soak seed in separate dish over night. Fill the head with water and spread the seed very thickly all over head. Keep head filled with water at all times. In warm temperature seed may appear to be dry, if so, spray lightly with water using care not to wash seed off head.

We can supply "Sunny Jim," with seed, per doz., \$3.60, packed 24 to a carton at \$7.00

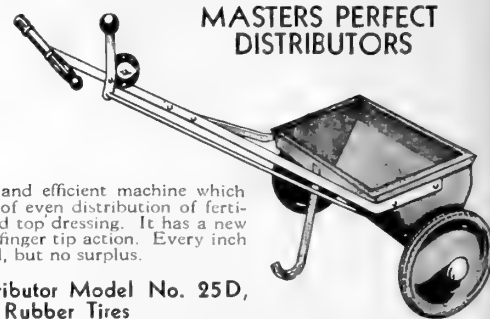
"Buddy" Heads. "Buddy" with seed at doz., \$4.80; per carton of 24, \$8.75.



FERTILIZER SPREADERS

SALEM IMPROVED FERTILIZER SPREADERS

Will spread any kind of commercial fertilizer, grass seed or top dressing Has new disc wheels, foot rest and selective feed control. 16 inch, hopper capacity about 20 lbs. Retails at \$7.50. Price each, \$5.75. Three for \$15.75. 20 inch, hopper capacity about 40 lbs. Retails at \$11.50. Price each \$8.75. Three for \$24.15. 30 inch, hopper capacity about 80 lbs. with rubber tire wheels. Retails at \$17.50. Price each, \$13.95. Super Heavy 36 inch, hopper capacity over 100 lbs. Retails at \$35.50. Price each, \$25.95.



Home Lawn Distributor Model No. 25D, With Rubber Tires

Model 25D, retails each, \$10.25, price each, \$7.50; 3 for \$20.50.

Model M241, 24", retails at \$33.95, price each, \$24.50; 3 for \$67.90.

Model M361, 36" retails at \$47.25, price each \$31.75.

Model M361D, 36" with rubber tires, retails at \$53.25, price each, \$37.50.

M-361SD, 36" Stainless Steel, agitator bottom and semi-pneumatic tires, retails at \$63.95, price each, \$48.00; 3 for \$128.00.

MASTERSHANDI-CART

Replaces the old-fashioned wheel-barrow for every purpose. Garden work really becomes a pleasure. Just dip it down and rake grass cuttings, leaves, earth or gravel into the cart. Can also mix cement right in the cart. No. 18-S, size of wheels 10 in. diameter. Extreme overall width of cart 20 in. Size of hopper body 26 1/2 x 16 x 12 1/2 in. Retails at \$10.50. Price each, \$8.25. Three for \$21.00.

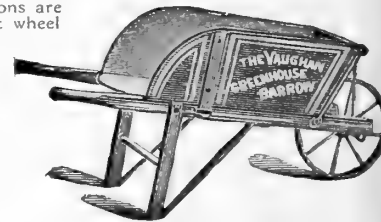
No. 20-D, size of wheels 10 in. diameter. Extreme overall width of Cart 25 in. Size of hopper body 27 1/2 x 21 x 13 1/2 in. Retails for \$15.25. Price each \$11.25; three for \$30.50.



VAUGHAN'S GREENHOUSE WHEELBARROW

Made especially for use in greenhouses between the benches. Dimensions are as follows: Box, 14 in. wide at wheel end; 16 in. wide at handle end; 12 in. deep. The bottom of the box is matched and glued together, and there is no crack against which a shovel might run. Wheels of steel, 17 in., with 2 1/2 in. thread; the axle is 5 inches wide. Made of best material. Legs reinforced, spread of handles at hand-hold 20 in., which is extreme width of barrow. Each, \$13.75; with Pneumatic Tire, \$25.75.

Pneumatic Rubber Wheels for greenhouse barrow, 2 ply 16"x4", \$13.95.



SPHAGNUM AND SHEET MOSS

VAUGHAN'S CLEAN SPHAGNUM FOR FLORISTS

Burlapped Bales

SPHAGNUM MOSS.

Bright, clean, new growth, free from brush or grass, is being worked out in Wisconsin district. We quote L. C. L. lots as follows:

Bales. (45 x 14 x 16 inches). F. O. B. Wisconsin Points. For carloads, write us.

Prices Subject to Change Without Notice.

F. O. B. Chicago

F. O. B. Woods

1 to 5 bales..... Each, \$2.75

6 to 10 bales..... " 2.60, 10 Bale lots, \$2.15

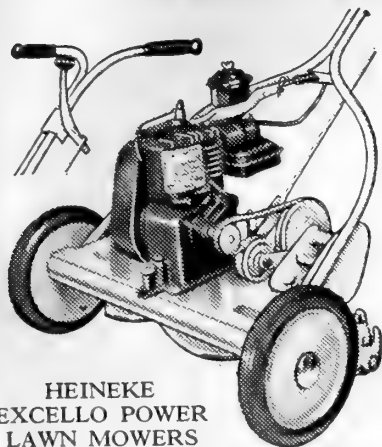
11 to 24 bales..... " 2.50, 25 Bale lots, 2.00

New York Prices 60c per bale higher. Cartage Free.

Sheet Moss green, Extra fancy large sacks for Windows, Baskets, etc. Per sack, \$2.75; 3 sacks, \$8.00.

All Prices Subject to Change Without Notice

Lawn Mowers, Sweepers, Rollers



**HEINEKE
EXCELLO POWER
LAWN MOWERS**

Long-lasting, sturdy construction for maximum performance... for the average size lawns. Stepped power with Briggs and Stratton 1.1 H.P. air cooled cycle engine. Light weight, easy to operate, positive clutch action, semi-pneumatic tires, all steel construction. Shipping weight 130 lbs. 18", each \$96.25, with 1.6 H.P. engine, shipping weight 140 lbs., price each, \$107.80. 24", with 2 H.P. engine, with double traction rubber tire wheels, shipping weight 160 lbs., price each, \$164.45. Write us for pamphlets on these high grade power mowers.



HUFFY ROTARY MOWERS

With latest improved features. Extension on handle helps to keep cord away from mower. Easier to manage. Quiet. Better way to mow lawns. Push the button and you are on your way effortlessly. Four razor-sharp blades are free-swinging; retract if obstacle is hit, preventing damage. Flip-over handle lets you mow in either direction without turning over. Write for descriptive leaflet.

Model 52-16 in. 1/2 H.P. electric, \$52.80 each.
Model 52-18 in. 1/2 H.P. electric, \$61.60 each.
Model 52-16PP, gasoline engine, \$75.90 each.
Model 52-18PP, gasoline engine, \$85.80 each.

AMERICAN BENT GRASS MOWER
18 in., 7 blade, ball bearing, 10 in. wheels, semi-pneumatic tires, price each, \$19.75.

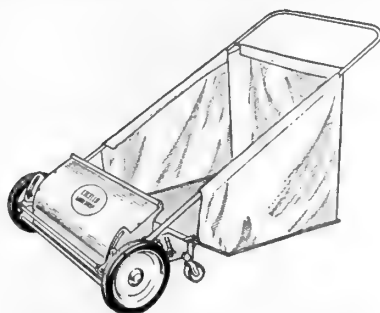
CLEMONSON LAWN MOWER

Finger-tip adjustment. Cutting height changed in a second. Large semi-pneumatic wheels insuring easier operation. Full 17" cut. Ruggedly built yet only weighs 35 pounds complete. Tubular handles. Each, \$27.50; 3 for \$76.00.



**GREENLEE EARTH
AUGER**

Especially adaptable for filling holes for feeding fertilizer trees and Evergreens. 2 inch diameter, length 40 in. Each, \$8.50.



EXCELLO 24-In. LAWN SWEEPER

Save time and energy, eliminate tedious raking. Let the quiet Excello lawn Sweep gently sweep leaves, grass clippings, small twigs, and paper from your lawn and driveway into a canvas basket with easy action. Width 24 in. All castings of special aluminum alloy. Strong, durable and rust-proof. Semi-pneumatic tires. Brush unit mounted on self-adjusting chrome steel bearings. Aluminum alloy caster wheels provide ease of operation. Shipping weight 55 lbs. Price each, \$39.00.

**DUNHAM WATER-WEIGHT
LAWN ROLLER WITH
OILITE BEARINGS**

Water Balast Lawn Rollers, steel handles, plain bearings, acetylene welded drums with anti-turf-tearing tires, non-rust shut water entrance. The most efficient and easiest running roller made. Weighs 50% more when filled with sand. Water is more convenient.



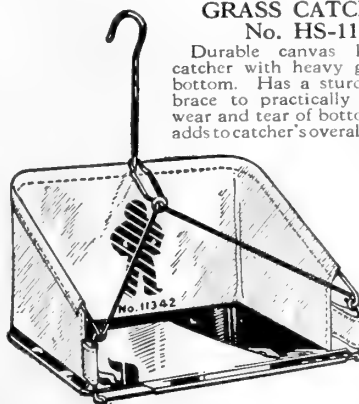
No.	Dia.	Length	Wt. Empty	Filled Water	Price
2	14 in.	24 in.	50 lbs.	160 lbs.	\$14.00
4	18 in.	24 in.	60 lbs.	220 lbs.	15.50
7	24 in.	24 in.	80 lbs.	400 lbs.	22.50

With Roller Bearings

109	24 in.	32 in.	100 lbs.	575 lbs.	\$38.50.
-----	--------	--------	----------	----------	----------

**GRASS CATCHER
No. HS-114**

Durable canvas kid grass catcher with heavy galvanized bottom. Has a sturdy bottom brace to practically eliminate wear and tear of bottoms. Also adds to catcher's overall strength.



Adjustable to fit all standard size mowers. Price each, \$2.00; 3 for \$5.75.

POWER MOWER GRASS CATCHER

Model PR-224-2A. 17 1/2 in. deep, 26 1/2 in. wide. White duck sides, sturdy wire frame, extra heavy galvanized bottom with carrying handle. Complete with two non-slip hooks. Fits power mowers from 18 in. to 24 in. widths. Price each, \$3.75.



**PAT. PENDING
PARKER LAWN BUTLER**

The mechanical hand for 101 uses around the grounds and home. A handy lawn tool for picking up things strewn around a lawn. Can also be used for picking up apples, pears and vegetables on the ground. Price each, \$2.00, postpaid, dozen, \$16.00.



NO GRINDING, NO SHARPENING NECESSARY

Flexible striking blade is made of the finest steel and heat treated for that purpose.

Being flexible it will always be in contact with the revolving blades of the "lawn-mower" thus, assuring cutting at all times, "when properly installed".

Promotes a more healthy growth of grass and makes lawn mowing a pleasure. Ea., \$1.75; 6 for \$9.00.



**BERGMAN
Lawn Mower
SHARPENER**

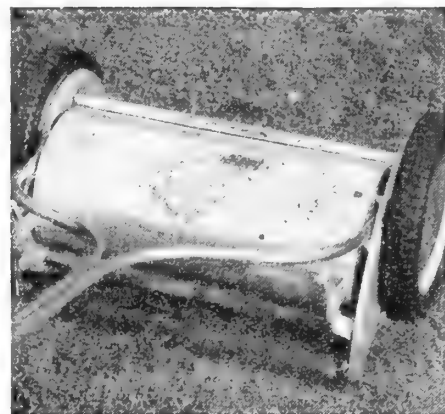
A high-grade, durable lawn mower sharpener, easy to use and adjustable to all types of machines. No danger of making low spots in the blades. Price, \$1.10; doz., \$10.00.



**LAWN AND GREEN CULTIVATOR
For Home Lawns**

NO. 8T, 8 discs, each 10 inches in diameter, rolling width 16 inches. Net weight 32 lbs. Ideal for small lawns. Tray is provided so weight may be added. Soil aeration is essential to turf upkeep. Permits water penetration. Lawns can be kept beautiful during dry hot spells. Price, each, \$12.75.

No. 30, 19 discs, each 10 inches in diameter, rolling width 18 inches. Net weight 100 lbs. Price each, \$37.50.

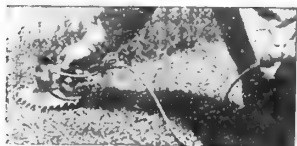


THE LAWNE-MULCHER

Is easily attached to standard hand mower. Returns the cuttings to the soil as a mulch. Grass is ground into a fine pulp, practically disappears. No grass catcher is required, no raking necessary. Lightweight, weighs less than 4 lbs. Made of aluminum, rust-proof. Price each, \$5.95; 3 for \$16.50.

Lawn and Garden Supplies

O. K. PORTABLE ELECTRIC GRASS TRIMMING, EDGING and HEDGE TRIMMING EQUIPMENT



You can save . . . the entire cost of a complete outfit as shown above during Ten or Less Days of use . . . Every Kind of Grass trimming, cutting and edging can be done anywhere, as power plant is portable . . . two men each using an O.K. Trimmer can do as much work as eight to ten men using sickles.



ELECTRIC TRIMMERS

OK Grass Cutter, 110 volt, 9" blade, . . . each, \$34.25
OK Grass Cutter, 110 volt, 9" blade, large motor, . . . each, 40.50
OK Hedge Trimmer, 110 volt, for home use, . . . each, \$16.85; 3 for 36.00
OK Hedge Trimmer, 110 volt, heavy duty, . . . each, \$26.25; 3 for 54.00

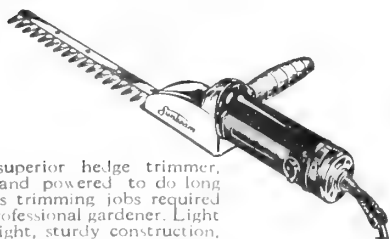


O. K. POWER PLANT

Consisting of one complete generator outfit, Briggs Stratton engine, with rheostat and voltmeter, two wheel cart for generator. One 9 inch blade, 110 volt Grass Cutter and one 75 ft. extension cord, price, . . . each \$255.00,
Extra 75 ft. cords for above, price \$6.95 per 75 ft.

You have unlimited use for O. K. Equipment. Why not write us for further particulars—it's standard equipment now in thousands of cemeteries.

SUNBEAM ELECTRIC HEDGE TRIMMER



A superior hedge trimmer, built and powered to do long tedious trimming jobs required of a professional gardener. Light in weight, sturdy construction, equipped with 10 ft. of cord and plug. Price, each, \$38.50; 3 for \$99.75. Retail at \$45.70. Extra cord, 50 ft., \$4.50; 100 ft., \$8.25.

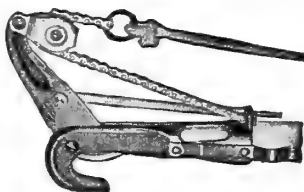


CLYDE DRAW CUT PRUNER. No. 5402 heavy duty pruner, 24 inch reinforced handles, each, \$5.00.



MALT UNIVERSAL ELECTRIC HAND CHAIN SAW. Model 1E Electric Hand Chain Saw—Housings—die cast aluminum and magnesium alloy that keeps saw weight down to only 11 pounds and adds strength without adding weight. Motor, powerful universal electric type with models for 115 volt household current, 180 high cycle and 360 high cycle. Ball and needle bearings used throughout. Chain—12 inch cutting capacity. Made of special heat treated saw steel . . . new $\frac{3}{8}$ inch pitch round chisel type, sharpens with hand file. Tension can be adjusted. We can furnish three models—No. 1E12, 115 volt, 12" capacity—price each, \$115.00; No. 1H12, 180 cycle, 12" capacity and No. 1S12, 360 cycle, 12" capacity, price each, \$130.00

IMPROVED PORTER NO. 7TQ90J TELEPHONE PRUNER



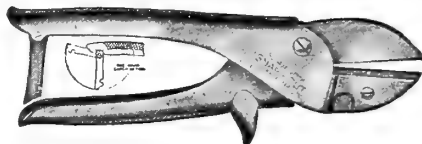
A strong and rugged Pruner with many advantages, such as lighter weight, greater cutting power, strength and greatly improved spring action which eliminates spring breakage with one pulley.

PRUNER HEAD. Only \$6.50. Pruner head with 6 ft. head pole and two 6 ft. extension poles, \$15.25.

TREE PRUNERS. Clyde, 6-ft., \$2.95; 8-ft., \$3.25; 10-ft., \$3.75; 12-ft., \$4.25. Extra blades, each, 30c.

Barlett No. 1 R. J. Jointed Tree Pruner. 12 ft., in three 4-ft. sections. Each, \$15.35.

BUCKEYE PRUNERS. No. 5406, 20 inch handles, each, \$2.75; 24 inch handles, each \$2.95.



SNAP CUT PRUNER. Heavy duty, full polished, \$2.50; 6 pair for \$12.60

SAWS (Atkins) Double-Edged Pruning. 18 in. \$1.95; 3 for \$5.55.



TRIMMER, California Pole. Curved, draw-cut saw with crook for removing branches. Each, \$2.95; 3 for \$8.25.



PORTER TWINCUT PROFESSIONAL ONE HAND PRUNER. This pruner is drop forged from selected tool steel. The patented pivot bolt cannot tighten or loosen in use, yet can be easily adjusted. Equipped with new concealed locking device. Instantly locks or unlocks the closed tool with the touch of the thumb. 9 inch full polish. Price, each, \$5.75, three for \$15.75.



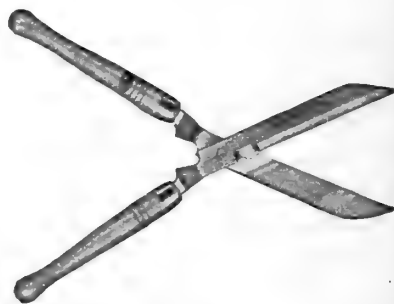
HENRY NO. 4773 AMERICAN RIESER PAT-TERN (Professional Pattern) PRUNING SHEAR. Full polished. Best quality. Oval bevel, steel plated, hardened and tempered. Double flat brass spring with ratchet lock and Henry spring catch. Price each, \$3.50; 3 for \$9.00; 6 for \$17.40.



HENRY NO. 4750 PRUNING SHEAR. An efficient California type pruning shear with ratchet, lock, nut, volute spring. Maroon enameled infra red baked malleable handles 9-inch. Has spring catch. Price each, \$1.85; per dozen, \$17.20.



PRUNING SHEAR ASSORTMENT. 48-60 2 1/2 dozen fast selling numbers, made up of six different styles, including attractive counter display to hold one of each style. This set retails for \$60.00. Price per set \$39.00.



HEDGE SHEARS. 8-inch, each \$2.50; 6 for \$10.50.



Henckel Imported Pruning Shears Highest Quality

8 1/2 inch full polished with replaceable coil spring. Each, \$4.50; six for \$24.00. 9 1/2 inch, each, \$5.00; six for \$27.00. 8 1/2 inch, with brass springs, each, \$4.75; six for \$27.00.

DOO-KLIP GRASS SHEARS

Long handle grass shear; does perfect trimming. Has only one handle. No extra levers to operate. The

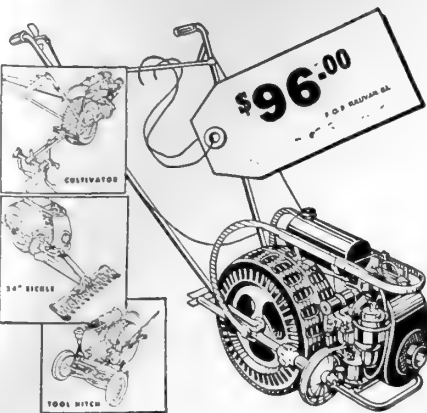


blades are made of case hardened, rust resisting steel. Easily opened for sharpening by removing one nut. Price, \$3.25; 3 for \$8.25.

DOO-KLIP GRASS SHEAR

With offset handle, retails at \$2.15. Price each, \$1.75; 12 for \$15.12.

Prices Subject to Change Without Notice



GEORGE TRACTOR MODEL L.G.

Large 16 in. wheels with 6 in. wide tread pulls through everything. Ample power for all attachments. A ruggedly built, quality tractor. 2 H.P. Briggs & Stratton engine, belt type, rope starter, weight 100 lbs. Price each \$96.00.

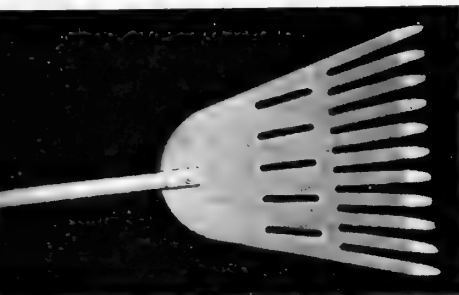
Five Shovel Cultivator, gauge wheels, \$12.95.
Hitch for attaching any 16 or 18 in. hand mower, \$4.50 each.

24 in. Sickle Bar Mower, each \$36.00.
32 in. Sickle Bar Mower, each \$44.50.
Two section 6 in. Disc Harrow, each \$14.25.
4½ in. Breaking Plow, each \$13.25.
25 in. Snow Plow Blade, each \$9.95.
2 in. Power Take Off Pulley, each 60c.



LAWN RAKE

Durably made of 20 genuine spring steel tines. Handle measures 47 in., over all length 58 in. Packed 12 to a bundle. Price per doz., \$9.60; retail at \$13.35.



ALUMINUM BROOM RAKE. New and different, thoroughly tested. Width of blade at tines 12 3/4". Shipping weight 15 lbs. per dozen. Price per dozen \$6.00; 3 dozen for \$17.40.



MILL CREPE DUPLEX TREE WRAP

For covering the trunks of transplanted and newly set fruit and shade trees. Helps your stock to get off to a healthy start. Rolls, 4 inches wide, about 150 ft. to a roll. Weight about 2 lbs. Each, 75c; 10 rolls for \$7.00; 25 to 49 rolls at 65c roll.



GRASS SHEARS

High quality. A tempered tool. Retail at \$1.50; dozen \$12.00.



GRASS WHIP

Made of highest quality steel. Retail each, \$2.15; dozen \$17.20.

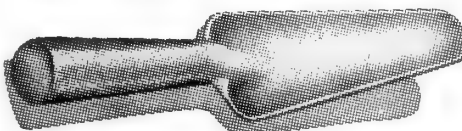
VILLAGE BLACK-SMITH GRASS HOOK

Made of high quality steel. Retail at \$1.00; dozen, \$8.00.

DIBBER

For planting bulbs and plants. Steel point. Each, \$1.25; postpaid, \$1.35.

DANDELION DIGGER. Finest quality. Retail at 75c, price per dozen, \$5.40.



ALUMINUM GARDEN TROWEL

Made of all aluminum. One piece trowel, each, 60c; doz. \$5.40.

STEEL GARDEN TROWEL

Made of high quality carbon steel with hard wood handle. Price each, 45c; doz. \$4.20.

All Steel Highest Quality. One piece steel shank. Price each, \$1.35; three for \$3.75.

HANDY CRAB GRASS RAKE

This rake is formed so that the teeth pull flat on the sod; thus they get under the branches of the Crab Grass, shear off the entire head of the plants and keep them from further seeding. You can eliminate crab grass with this rake and not harm the other grasses; it will also pull out any weed that clings close to the ground.

Each, \$1.75; three for \$4.50.



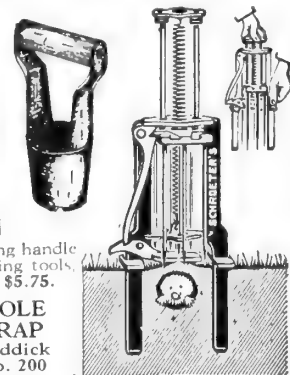
SMITH'S FLAME SHOOTER GUN

4-gal. heavy all-welded (not riveted or soldered) corrugated fuel and air tank tested to 100 lbs.; burns kerosene, range oil, stove or light furnace oil. Price complete, \$19.95 (wt. 17 lbs.)



PLANTING TOOLS HOLE-IN-ONE

The tapered cup removes the soil and makes perfect planting hole in one operation. A slight twist when pushing tool into the soil, also when removing it, will leave a clean flat bottomed hole. Each, 85c; three for \$2.25; doz., \$7.60.



Long handle planting tools, each, \$5.75.

MOLE TRAP Reddick No. 200

Improved with patented setting attachment.

One of the best mole and gopher traps. Each, \$1.85; 3 for \$4.95.

METAL LAWN SIGNS



These attractive signs have raised letters, baked enamel finish for long attractive service. Have center holes for attaching to stakes. Size 3 3/4 x 12 inches. Colors, green on white and black on white. Sign wordings.

Keep off Grass. Signs with stakes, each, 50c; six for \$2.25; dozen, \$4.00.



KAUFMAN ELECTRIC GRASS TRIMMER

Trims around walks, driveways, borders, trees, shrubs, stones, posts, fences, buildings, steep terraces, etc. Trims in minutes, not hours. Balanced weight; easy to handle. Price each \$39.75.

ROWE'L-EZY

All Purpose Lawn & Garden Edger. The only edger with all these features: Cuts both Ways, Rubber Tired Driving Wheel with steel Cutting Blades, Driving Wheel Away from Cutting Wheel. Trims around flower beds, against fences, walks, steps, trees, and where lawn is above or below the sidewalk level. Price each, \$3.95. Six for \$19.80.



RUBBER APRONS

Black Light-weight.

Each, \$3.50.

Prices subject to change.



Bird Houses

MARTIN HOUSE No. X215

Twenty compartment house, two stories high, unpainted, \$18.00. Painted two coats in white and green, \$21.00.

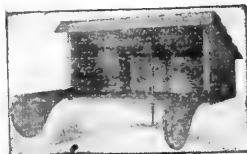


MARTIN HOUSE No. X315

Twenty-eight compartment house, three stories high unpainted, \$21.00. Painted two coats white and green, \$25.20. Crating charge \$1.50 extra.

No. FS21 GARDEN CRAFT FEEDING STATION

This is one of the most successful and appreciated bird feeders. It is equipped with a spindle for mounting, and the double weather vane keeps the sheltered end headed into the wind, thus keeping the food dry in rainy or snowy weather.



Size 24x12x12. Shipping weight 16 lbs.
Price stained brown \$ 7.20
Price stained with glass back 9.00
Erection Post bored for mounting rod 2.50
Shipped by express, charges collect.

WREN HOUSE No. 16

This time tested storkut house is designed to meet the needs of birds, the steps help nestlings to reach the exit, bottom removable for cleaning. Price, stained brown, each, \$2.00; 6 for \$10.20.

Blue Bird House No. 5 similar to the above, stained brown, \$1.50; 6 for \$7.40.



ROBIN ROOST No. 4

Robins will not occupy a nesting box, but insist on a covered sheltered shelf which allows them to see on at least three sides. Stained brown—each, \$2.25; 6 for \$11.00.

Community Diner,
Aerial Picnic Grounds for clinging and perching birds. No. CDD filled, each, \$1.50; six for \$7.20; doz., \$13.80. No. CDE filled with 24 extra tid bits each, \$2.50; six for \$12.00; doz., \$22.80; extra package of 24 tid bits retail at \$1.35 per carton, 12 cartons for \$10.80.

No. FS10 GARDEN CRAFT BIRDFEEDER



Erection pole with arm

This cleverly constructed feeder will provide endless pleasure and satisfaction for bird lovers. You will be more than repaid for your generosity in providing food for your feathered friends during the early spring, late fall and winter, by their appreciation. Size 8x3x10 in. Shipping weight 3 lbs.
Price, \$2.10; 6 for \$10.80 1.75



KEMP IMPROVED POWER SOIL SHREDDER

Prepares any kind of soil, wet, dry, or stony—for any purpose. It reduces time and labor costs from 30% to 50% over old methods; makes manure and fertilizer go further. A Kemp Shredder usually pays for itself during the first year of use.

KEMP POWER SOIL SHREDDER No. 6

Shredding heavy, wet compost made from sod and manure. Designed especially for the small grower. Low in price and economical to operate. Powered with a 1/4 H.P. electric motor that can be plugged into any electric light socket.

For use also in potting shed for shredding soil for use in flats and pots. Also a handy machine for shredding and mixing soil and manure on benches.

SPECIFICATIONS

Length.....38"
Width.....22"
Height at discharge end.....36"
Height at hopper.....33"
Weight.....200 lbs.
Power.....1/4 H.P.
Capacity—either one or two men loading hopper.

Parts having most wear, the hopper, top and deflector, made from steel.

Machine shipped complete with motor and cord, ready to plug into socket and run.

Price of No. 6, complete, ready to run.....\$172.00

KEMP SOIL SHREDDERS

No. 6 Complete with 1/2 H.P. electric motor, 3 ft. of cord, mounted on truck with wheels.....\$160.00
No. 6 Complete with 1 1/4 hp. Briggs & Stratton gas engine, mounted on truck with wheels.....\$160.00
No. 6 Complete, less engine or motor, mounted on truck with wheels.....\$122.00
No. 1 Complete, with 1 1/2 hp. electric motor, switch and 10' of cord, mounted on truck with wheels.....\$470.00
No. 1 Complete with 2 1/2 hp. gas engine, mounted on truck with wheels.....\$460.00
No. 1 Complete, less engine or motor, mounted on truck with wheels.....\$380.00
No. 1 Less engine or motor, belt or beltshield, but with pulley for operating with tractor, mounted on truck with wheels.....\$380.00
No. 2 Complete, with 6 hp. gas engine, mounted on truck with wheels.....\$575.00
No. 2 3 hp., 3 phase electric motor.....\$605.00
No. 2 Complete, less engine or motor, mounted on truck with wheels.....\$465.00
No. 2 Less engine or motor, belt or beltshield, but with pulley for operating with tractor, mounted on truck with wheels.....\$465.00

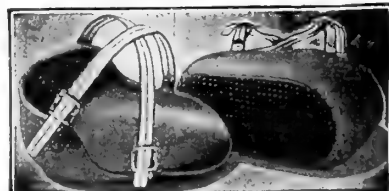
ATTACHMENTS

No. 1 Peat attachments.....\$ 28.00
No. 2 Peat Attachment.....35.00
No. 1 Elevator attachments.....185.00
No. 2 Elevator attachments.....200.00
No. 1 Shaker screen attachments with either 3/4", 1/2" or 3/8" round holes.....155.00
No. 2 Shaker Screen attachments with either 3/8", 1/2" or 3/4" round holes.....170.00

Rubber tired wheels for No. 6, \$10.00 extra.
Extension cord for No. 6 Electric, 30c per ft.
Extension Cord for No. 1 Electric, 30c per ft.
Rubber tires Nos. 1 and 2, \$30.00.

(F. O. B. Erie, Pa.)

Prices for machines with electric motors are for A C Motor 60 cycles, 1 and 3 phase, 110, 220 or 440 volts.



KNEE PADS

All rubber cushion pads constructed of solid and sponge rubber with adjustable straps; fit any knee, will not slip during walking. Price, \$1.60; 3 for \$4.50.

LINDIG SOIL SHREDDERS



Model 1B-4, Feeder hopper size 16 x 18 in., shredding rotor assembly 8 1/2 in. wide, with 4 shredding blades on each bar, with 3 stationary blades. Price without motor, \$130.00; with 1/4 H.P. electric motor, \$195.50. Model 1B-6, same as model 1B-4, except that it has 6 shredding blades on each bar, with 5 stationary blades. Price without motor, \$135.00; with 1/4 H.P. electric motor, \$200.50.

Model 2B-6, Feeder hopper size 16 x 20 in., shredding rotor assembly 10 1/2 in. wide, has 6 shredding blades on each bar, with 5 stationary blades. Price without motor, \$160.00; with 3/4 H.P. electric motor, \$225.50; with 1 H.P. electric motor, \$247.50.

Model 2B-8, same as model 2B-6, except that it has 8 shredding blades on each bar, with 7 stationary blades. Price without motor, \$175.00; with 1 H.P. electric motor, \$262.50.

Gas engines, 1 1/2 H.P. with automatic clutch, \$70.00. Screening Attachments:

Type B Screener for Model 1B-4 and 1B-6, \$50.00
Type B Screener for Models 2B-6 and 2B-8, \$60.00
Rubber tires for use with all models, per set, \$20.00
Write us for price on Lindig Hy-Load Conveyor.

RODENT ROCKETS



...THE EASY WAY

Novel, effective destroyers; strike like a match and blitz out whole families of gophers, moles, rats, field mice, ants, etc., at one "shot." Safe, sure, efficient aids to hunters in "un treering" holed-up woodchucks, raccoons, etc. 2 for 25c; dozen, \$1.20.

Packed two dozen to an attractive display carton, weight 2 1/4 lbs. Invaluable in Nursery and Greenhouse. Price per carton of 24 rockets, \$2.20; six cartons for \$12.00.



FLYING DISK

SCARE Birds and Animals Away

Amazing protection for newly planted seeds, berries, tender seedlings, fruit trees, etc. Made of shining aluminum, FLYING DISKS spin and whirl madly in all directions—give blinding reflections and weird jingling, crackling sounds—to scare birds and animals away. Easily strung across area to be protected—or from branches of fruit trees and vines.

10 FLYING DISKS with complete instructions, only 25¢

WICK-FED PLASTIC POTS

4 inch diameter in following shades—ivory, yellow, red and pink with black base. Retail each at \$1.00; per dozen, \$7.20.

5 inch, retails at \$1.50; per doz., \$10.80.



Prices subject to change without notice.

Index of Everything Listed

Explanation of Table Below: Numbers Prefixed with B, Represent Bulbs; P, Plants; S, Seeds.

A	Page	B	Page	C	Page	D	Page	E	Page	F	Page	G	Page	H	Page	I	Page	J	Page	K	Page	L	Page	M	Page	N	Page	O	Page	P	Page	Q	Page	R	Page	S	Page	T	Page	U	Page	V	Page	W	Page	X	Page	Y	Page	Z	Page																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
Abutilon.....	5	Baby's Breath (see Gypsophila & Isatis)	76	Balsam.....	8	Bellflower (see Campanula)	42	Bell of Ireland.....	12	Berberis.....	64	Betula.....	66	Bignonia.....	65	Bird Feeders.....	98	Bird Houses.....	98	Bittersweet (see Celastrus)	60	Achimenes.....	41	Aconitum.....	41	Acroclium.....	5	Activo.....	93	Adco.....	93	Adlumia.....	41	AEROSOL BOMB.....	88	African daisy (see Arctotis & Venidium)	5	AFRICAN VIOLET.....	S-4, P-56	Agapanthus.....	5	Agathaea.....	5	Ageratum.....	S-5, P-56	Agrostemma.....	41	Almond, Flowering (see Prunus)	5	Aloe.....	5	Althaea (see Hibiscus, Shrubs)	41	ALYSSUM.....	41	Amaranthus.....	5	AMARYLLIS.....	60	Amelanchier.....	64	Amelopsis.....	S-41, P-65	Amsonia.....	41	Ammate.....	92	Anchusa, Annual.....	8	Anchusa, Perennial.....	S-41, P-54	Anemone.....	41	ANNUAL FLOWER SEEDS.....	5	Annual Pinks (see Page 18, Dianthus)	41	Anthemism.....	41	ANTIRRHINUM.....	41	Inside front cover, Aprons, rubber.....	97	Aquilegia.....	S-42, P-54	Arabis.....	42	Aralia.....	S-8, P-57	Aramite.....	89	Artemisia.....	54	Artichoke.....	71	Asclepias.....	S-42, P-54	Asparagus (fern).....	S-8, P-56	Asparagus chicory.....	72	ASTERS, ANNUAL.....	1, 9, Inside back cover	Asters, perennial.....	42	Aubretia.....	42	Auricula (see Primula)	56	AZALEAS.....	56	Azalea, hardy.....	64	Azofume.....	88	B	Baby's Breath (see Gypsophila & Isatis)	76	Bachelor Button (see Centaurea)	76	Bags, cellophane.....	76	Balsam.....	8	Bands, Plant.....	82	Baptisia.....	42	Beans.....	71	Beets.....	71	BEGONIA, fibrous.....	S-11, P-57	BEGONIA, tuberose.....	S-1, B-60	Belamcanda.....	43	Bellflower (see Campanula)	42	Bellis.....	42	Bent, creeping.....	62	Beauty Bush (see Kolkwitzia)	12	Bell of Ireland.....	12	Berberis.....	64	Chrysanthemum, per.....	44	CHRYSANthemum, hardy.....	54	Chrysanthemum, greenhouse (send for special list)	15	CINERARIA.....	15	Clarkia.....	12	Clematis.....	65	Cleome.....	12	Clips, Bull Dog.....	77	Clove Pink (see Dianthus page 18)	17	Cobaea.....	17	Coix.....	12	Cold Frame Supplies.....	82	Coleus.....	S-17, P-57	Collards.....	72	Columbine (see Aquilegia)	17	Convolvulus.....	17	Coral Flower (see Heuchera)	64	Cordylone.....	64	Coreopsis.....	S-44, P-54	Cornflower (see Centaurea)	72	Corn, sweet.....	72	Corn, ornamental.....	17	Corn, field.....	72	Corn Salad.....	72	Cornus, shrub.....	64	Cornus, tree.....	66	Corsage pins.....	78	Cosmos.....	16	Inside back cover	64	Cotoneaster.....	64	Cotton, ornamental.....	17	Coxcomb (see Celosia)	43	Crab, flowering (see Malus)	43	CRAB GRASS KILLERS.....	92	Crataegus.....	66	Cress.....	72	Crotons.....	57	Cucumber.....	69, 72	Cuphea.....	17	Cuprinol.....	91	Cut flower boxes.....	76	Cyanogas.....	89	CYCLAMEN, GREENHOUSE.....	S-16, P-57	Cyclamen, hardy.....	44	Cydonia.....	64	Cynoglossum.....	12	Cyperus.....	12	D	D-CON.....	91	Dahlberg Daisy.....	17	Dahlia.....	S-17, B-58	Daisies (see Bellis, Chrysanthemum maximum & Pyrethrum)	44	Daisy, Swan River (see Brachycome)	72	Dandelion.....	72	D.D.T.....	88	DECORATIVE PLANTS.....	57	DELPHINIUM.....	S-1, 45, P-55	Deutzia.....	64	DIANTHUS (annual Pinks).....	18	Dianthus (hardy Pinks).....	45, 46	DIANTHUS BARBATUS.....	S-45, P-54	Dibble.....	81	Dicentra (Dielytra).....	46	Dictamnus.....	46	Difficidus.....	17	Diefenbachia.....	57	Digitalis.....	S-47, P-55	Dill.....	72	Dimitre.....	88	Dimorphotheca.....	17	Dog Repellent.....	92	Dogwood (see Cornus)	17	Dolichos.....	17	Doronicum.....	46	DRACAENA.....	S-17, P-57	Dusters.....	87	Dusty Miller (see Centaurea & Cineraria)	47	E	Earth Auger.....	95	Easels, wood.....	70	Egg Plant.....	69, 73	Edelweiss.....	47	Elm (see Ulmus)	64	Elscholtzia, shrub.....	73	Endive.....	47	Erinus.....	47	Eryngium.....	47	Erosionet.....	85	Escholtzia.....	18	Eulalia (see grasses, page 18)	64	Eyonymus.....	64	Euphorbia.....	47	Evening Primrose (see Oenothera)	67	EVERGREENS.....	67	F	FERMATE.....	88	Fern Spores.....	93, 94	FERTILIZERS.....	93, 94	Fertilizer applicator.....	94	Fertilizer distributor.....	94	Festuca (see grasses, page 18)	97	Feverfew (see Matricaria)	97	Flame Shooter Gun.....	97	Flax (see Linum)	92	Floralite.....	92	Floraglow.....	92	Flower Boxes.....	76	Flower Holders.....	77	Forget-me-not.....	47	Forsythia.....	64	Four O'clock (see Marvel of Peru)	66	Foxglove (see Digitalis)	18	Fraxinus.....	91	Freesia.....	18	Fruitone.....	91	Fuchsia.....	19	FUNGICIDES.....	88, 89, 90	G	Gaillardia, annual.....	19	Gaillardia, per.....	47	Garden Heliotrope (see Valeriana)	73	Garlic.....	47	Gas Plant (see Dictamnus)	47	Gentiana.....	S-19, P-57	Gerbera.....	47	Geum.....	47	Gilia, annual.....	19	Gilia, per.....	48	Ginkgo.....	66	GLADIOLUS.....	59, 60, 61	Glass wool.....	82	GLAZING MATERIAL.....	84	Glazing tools.....	84	Gleditsia.....	66	Globe Amaranth.....	19	Gloves.....	80	GLOXINIA.....	S-20, B-60	Godetia.....	19	Golden Gypsophila (see Isatis)	20	Gourds.....	62, 63	GRASS, LAWN.....	62, 63	Grass shears.....	96	Grasses, ornamental.....	48	GREENHOUSE PLANTS.....	56	GREENHOUSE SUPPLIES.....	84	Grevillia.....	18	Gro-Quick Cable.....	82	Gummed tape.....	76	Gymnatrix (see grasses, page 48)	19	GYP SOPHILA, annual.....	48	Gypsophila, per.....	48	H	Halesia.....	64	Handicart.....	94	Hardy Pinks (see Dianthus, page 45, 46)	73	Hardy Sweet Pea (see Lathyrus)	22	Hedera, hardy.....	65	HEDERA.....	65	GREENHOUSE.....	57	Helenium.....	48	Helianthus.....	20	Helianthemum.....	48	Helichrysum.....	20	Heliothis.....	S-48, P-55	Heliotrope.....	20	Helleborus.....	48	Hemerocallis.....	48	HERBICIDE.....	91	Herbs.....	73	Hesperis.....	48	Heuchera.....	48	Hibiscus.....	S-48, P-55	Shrub.....	64	Hole in One.....	97	HOLLYHOCK.....	48	HONESTY (see Lunaria)	75	Honeysuckle (see Lonicera)	84, 85	Horse Radish.....	86	Hose and requisites.....	86	Hose Reel.....	86	Hotbed Supplies.....	82	Hoya carnosa.....	57	Hunemannia.....	20	Hyacinth glasses.....	79	Hvacinth stakes.....	60	Hyacinthus Candicans.....	77	HYDRANGEA, GREENHOUSE.....	57	Hydrangea, shrub.....	64	Hydrangea, climbing.....	65	I	Iberis (Perennial Candytuft).....	S-43, P-55	Ice Plant (see Mesembryanthemum)	2, 21	IMPATIENS.....	88, 89	INSECTICIDES.....	88, 89	IPOMOEA.....	S-49, P-68	Isatis.....	48	Ismene Calathina.....	60	Ivy, Boston, see Ampelopsis	57	IVY, ENGLISH.....	57	Ivy, grape.....	57	J	Jacaranda.....	21	Juniper.....	67	K	Kalanchoe.....	21	Kale.....	73	Kale, flowering.....	21	Kapsulate.....	81	Kenilworth ivy.....	49	Kerria.....	64	Knee Pads.....	98	Knives.....	81	Kochia.....	21	Kohlrahi.....	69, 73	Kolkwitzia.....	64	L	LABELS.....	80	Lantana.....	S-21, P-57	Larkspur.....	2, 22	Lathyrus.....	49	Lavatera.....	22	Lavender.....	49	Lavender Lace flower (see Didiscus)	49	Lavendula.....	49	Lawn Brooms & Rakes.....	97	Lawn Mower Blades.....	95	LAWN MOWERS.....	95	Lawn Roller.....	95	LAWN SEED.....	62, 63	Lawn Signs.....	97	LAWN SUPPLIES.....	96	Lawn Sweeper.....	95	Lawn Trimmer & Edger.....	97	Leek.....	73	Lemon verbena.....	22	Leptosiphon.....	22	Leptosyne.....	22	Letters.....	79	Lettuce.....	70	Liatris.....	5, 49	Ligustrum.....	64	Lilac (see Syringa)	S-49, B-60	LILIES.....	S-49, B-60	Linaria, annual.....	23	Linaria cymbalaria.....	49	LINDANE.....	88	Linum (flax).....	49	Lisianthus.....	23	Lobelia, annual.....	23	Lobelia, perennial.....	S-50, P-55	Lonicera, shrub.....	65	Lonicera, vine.....	67	LUNARIA.....	50	Lupinus, annual.....	23	Lupinus, perennial.....	50	Lychnis.....	50	Lycopodium.....	78	Lythrum.....	50	M	Magnolia.....	66	Malachite Green.....	88	Mallow Marvels (see Hibiscus page 48)	66	Malus.....	66	Maple (see Acer)	2, 23	Marigold.....	23	Marvel of Peru.....	23	Match Sticks.....	77	Matthiola (see stocks)	50	MATRICARIA.....	50	Melon, musk.....	73	Melon, water.....	73	Mesembryanthemum.....	23	Methoxychlor.....	88	METHYL BROMIDE.....	89	Michaelmas Daisy (see hardy Asters)	23	Mignonette.....	23	Mimosa.....	23	Mimulus.....	23	Mock Orange (see Philadelphus)	97	Mole Trap.....	60	Montbretia.....	94	Morning Glory (see Ipomoea)	94	Moss, Sheet.....	94	Moss, Spaghnum.....	94	Mourning Bride (see Scabiosa)	95	MOWERS, POWER.....	74	Mushroom Spawn.....	74	Mustard.....	74	Myosotis (see Forget-Me-Not)	25	N	NASTURTium.....	25	Native Wild Flowers.....	50	Nemesia.....	25	Nepeta.....	50	Nephtytus.....	57	Nicotiana.....	27	Nierembergia.....	27, 50	Nigella.....	27	Nozzles.....	85

JOHN C. VAUGHAN, PRES.

CARL V. CROPP, V. PRES.

CABLE ADDRESS
VAUGHAN, CHICAGO
CAROTIDA, NEW YORK

Vaughan's Seed Company

NEW YORK 7,
47-49 BARCLAY ST.NURSERIES,
WESTERN SPRINGS, ILL.

GENERAL OFFICES AND WAREHOUSES

601-609 WEST JACKSON BLVD., CHICAGO 6, ILL.

CHICAGO LOOP STORE
10-12 W. RANDOLPH ST.

Phone: Chicago Franklin 2-7560

New York Barclay 7-4020

PRICES IN THIS CATALOGUE ARE SUBJECT TO CHANGE WITHOUT NOTICE.

Please give us your Post Office delivery zone if you have one.

TERMS OF PAYMENT. To customers of approved credit, 60 days, except on goods always sold for cash, see other pages. **Special 2 per cent** discount for cash in ten days from date of invoice (from these list prices only, not from "Special" mail quotations and excepting **net cash** items and flower seeds).

Cash Discounts on Flower Seeds. On all orders for flower seeds, except Cyclamen seed, see special discount in Cyclamen page in catalog, totaling less than \$25.00, 5%, and over \$25.00, 8%, may be deducted if cash is enclosed.

FIRST ORDERS from all firms not having an account with us should come with cash remittance to cover, if merchandise is needed at once. If cash is not sent, supply bank and trade references and expect a few days delay while references are checked. Some **individual name** should be signed to all orders.

ESTIMATE ORDERS. These orders are held in file and just prior to shipment a detailed invoice will be sent. Upon our receipt of your check covering the invoice, merchandise will be shipped. Estimate orders enables you to receive cash discount and save you C. O. D. charges.

POSTAGE for parcel post shipment. The prices in this catalogue except on **Flower Seeds** are not prepaid. Include sufficient to cover postage with cash orders. Postage will be billed on charge orders.

PERISHABLE STOCK are positively not sent C. O. D.

WHERE SOLD. Our stocks are sold F.O.B. Chicago, New York or Western Springs (unless otherwise stated) and we do not accept transportation risks after delivery in good order to express companies, railroads or steamship lines.

ROUTING. On each Order please give **name of railroad** you wish shipped by; there is no other sure way of correct routing. State distinctly; if by **Mail, Express, Truck or Freight**. If no routing is given, we will use our judgment but cannot be responsible for any delay or over charges.

INSURANCE. We insure all orders for seeds for \$2.00 and over at a buyer's expense, unless instructed not to do so.

Discounts on Standard Retail Packets for Resale

In no case will a discount be allowed where the retail value of the order sent in at one time is less than \$1.00.

For orders for packet seeds to be placed in your stock and resold, discount on prices in our **SPRING RETAIL CATALOGUE** will be given as follows:

25% on orders amounting to \$1.00 or more (for packets only) when less than 5 of a kind are ordered at one time.

30% on orders (for packets) from \$1.00 to \$5.00, when at least 5 of a kind are ordered.

40% on orders (for packets) for \$5.00 and over, when at least 5 of a kind are ordered.

None of these seeds are returnable. They are sold outright.

Postage is Prepaid on above Flower Seed Packets. IMPOSSIBLE TO GUARANTEE CROPS.

VAUGHAN'S SEED CO. gives no warranty express or implied, as to the productiveness of any seeds, bulbs or plants it sells; nor does it warrant fertilizers other than in respect to data required of seller by statutes. It is expressly agreed that the limit of liability for all claims for loss or damages due to any cause shall be in a sum no greater than the invoice price of the goods and in no case shall it be responsible for loss or damage of the crop.

ADVANCE ORDERS for roses, bulbs or seeds not yet grown or harvested are subject to prorata delivery in case of short crop.

STATE QUARANTINES. Plant regulations which may delay or damage plants are at customer's risk only. If your state imposes serious restrictions on plants shipped in, tell us.

ORDERS FOR BULBS, ONION SETS and like perishable stock which we book in advance of shipping date are accepted by us only subject to loss by fire, rot or other accident beyond our control; we do not guarantee to supply if so lost.

CONTINUED	Page		Page		Page		Page		Page
O		Physalis franchetti	S-50, P-55	R		Smilax	34	Symphoricarpos	65
Oak leaves.....	78	Physocarpus	65	Radish.....	69, 74	Snapdragon		Syringa (see	
Oenothera.....	50	Physostegia	50	Raffia.....	81	(see Antirrhinum)		Philadelphus)	
Okra.....	74	Picea	67	Ranunculus.....	52	Snips	77	SYRINGA (lilac)	65
Oxypetalum.....	27	Picks	77	Rhamnus.....	65	Snowball (see Viburnum)			
Onion.....	69, 74	Pins	77	Rhodotypos.....	65	Snowpak.....	92	T	
Oriental Poppy.....	50	Pin holders	77	Rhoeo.....	57	SODIUM SELENATE	88	Tahoka Daisy.....	35
		Pinks (see		Rhubarb.....	75	SOIL SHREDDER	98	Tamarix.....	65
		Annual Dianthus)		RIBBONS	78	SOIL SOAKER	85	Taxus.....	67
P		PLANT BANDS	82	Ricinus.....	33	Soil Test Kit.....	83	TERRALITE	94
Pachysandra.....	67	PLANT MARKERS	80	Rock Plants.....	52	Solanum.....	37	Thalictrum.....	52
Pansy.....	3, 26	Plant stakes	81	Rootone.....	91	Soldanella.....	52	Thermometers.....	83
Pansy baskets.....	82	Plant supports	81	Rose, shrub.....	65	Sorrel.....	75	Thermopsis.....	53
PAPAVER	50	Plant ties	81	ROSES FOR		Southern Star.....	34	Thread.....	77
Paper, florists.....	76	PLANT TUBS	79	FORCING		Spider Plant (see Cleome)		Thuja.....	68
Paper Pots.....	82	PLATYCODON	S-50, P-55	Rudbeckia.....	S-52, P-55	Spinach.....	75	Thunbergia.....	37
PARATHION	88	Plumbago	27	Rutabaga.....	75	Spiraea.....	65	Thyme.....	53
Parsley.....	74	Poinsettia	57			SPRAYS	86, 87	TIGRIDIA	S-34, B-60
Parzate.....	88	Polemonium	50	S		SPRINKLERS	85	Tilia.....	66
Passiflora.....	27	Polygonum	55	Salix.....	Shrub 65, tree 66	Squash.....	75	Tithonia.....	34
Peas.....	74	Polygonum	65	Salpiglossis.....	33	STAKES, PLANT	18	TOMATO	70, 75
Pelargoniums.....	57	POPPY, ANNUAL	27	Salsify.....	75	STAPLES &		Torenia.....	38
Pencils.....	80	Poppy, California		Salvia, annual.....	4, 33	STAPLERS	83	Trachelium.....	38
Pennisetum.....	27	(see Escholtzia)		Salvia, perennial.....	52	Star Flowers.....	78	Tradescantia.....	53
Pentstemon, annual.....	27	Poppy, perennial.....	50	SANSEVIERIA	57	STATIC, ANNUAL	34	Transplantone.....	91
Pentstemon, perennial.....	50	Portulaca.....	31	Sanvitalia.....	33	Static, perennial.....	52	TREE PRUNERS	96
PEONIES	68	Potentilla.....	65	Saponaria, annual.....	33	Static, dried.....	78	Tree Wrap.....	97
Peperomia.....	57	POTS, NEPONSET	82	Saponaria, perennial.....	52	Stevia.....	35	TREES	66
Pepper.....	70, 74	Primrose, Primula,		Scabiosa, annual.....	34	Stocks.....	4, 35	Tritoma.....	53
Periwinkle.....	39	Hardy.....	51, 52	Scabiosa, per.....	S-52, P-55	Stokesia.....	52	Trollius.....	53
PERENNIAL &		PRIMROSE, PRIMULA,		Scanzanthus.....	33	Strawberry.....	37	TROWELS	97
BIENNIAL FLOWER		GREENHOUSE	32	Scotch Tape.....	77	Strawberry Corn.....	17	Trumpet vine	
SEEDS	41	Privet Hedge		Seeder.....	82	Straw flowers.....	78	(see Bignonia)	
PERENNIAL		(see Ligustrum)		Sel Tox.....	91	Streptocarpus.....	37	Tuberose.....	60
PLANTS	54	Protexall.....	91	Sensitive plant		Sweet Peas.....	36, 37	TUBS, PLANT	79
PETUNIAS		Pruning tools.....	96	(see Mimosa)		Sweet Potatoes.....	74	Tunica.....	53
..... Inside front cover,		Prunus, Shrub, 65, Tree 66		Shamrock.....	34	Sweet Sultan		Turnip.....	75
..... Inside back cover.		SHRUBS	64	Shasta Daisy.....	S-44, P-55	(see Centaurea)		Twine.....	77
Petunia plants.....	57	Pseudotsuga.....	67	SHRUBS	64	Sweet William		TWIST-EMS	81
Philadelphus.....	64	Pueraria.....	65	Sidalcea.....	52	(see Dianthus barbatus)			
PHILODENDRON	57	Pumpkin.....	74	Sieves.....	82	Syngonium.....	57	U	
Phlox, annual.....	27	Pyrethrum.....	S-31, 52, P-55	Silver Lace Vine		Swiss Chard.....	75	Ulmus.....	66
PHLOX, HARDY				(see Polygonum)					
..... S-50, P-55									

W

Wallflower.....	53
Watering Pot.....	85
WEED KILLERS	92
Weed-No-More.....	92
Weedone.....	92
Weigelia.....	65
Wheelbarrow.....	94
Wick Fed Pots.....	98
WIRE	77
Willow (see Salix)	
Wistaria.....	65
WREATH & BOUQUET	
MATERIAL	78
WREATHS &	
DESIGNS	78

X

Xeranthemum.....	39
------------------	----

Z

Zephyranthus.....	60
Zerlate.....	88
ZINNIA	4, 39,
..... Inside back cover	



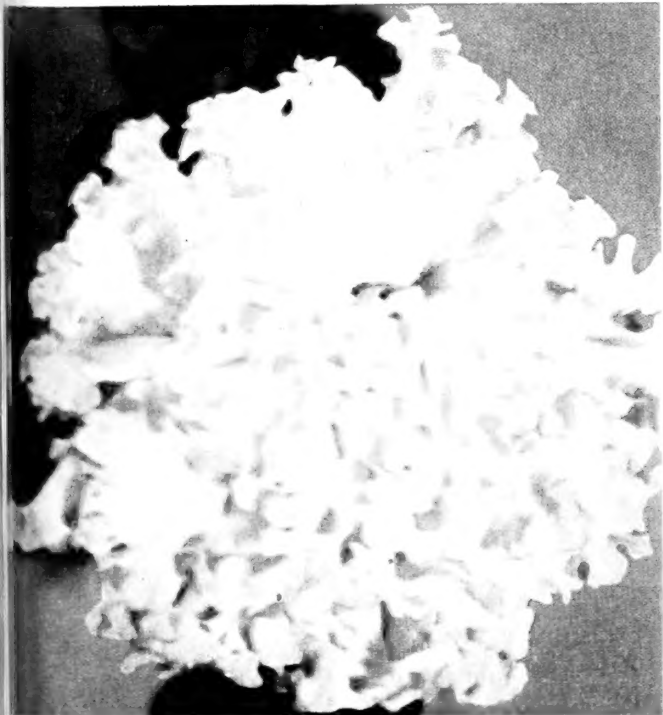
ASTER PRINCESS

Be sure to plan on a visit to our Flower and Vegetable Trials at Western Springs, Illinois, in 1952. We plan on over a thousand items in test.

Best White Double **PETUNIA ALL DOUBLE SONATA (PAN AMERICAN)**

Deeply fringed flowers of pure white, 3½ to 4 inches in diameter. 100% full-double; fine for Mother's Day. We recommend pinching plants to induce branching. The outstanding Double White Petunia.

Trade pkt., \$4.50; ½ trade pkt., \$2.75; 1/128 oz., \$8.50; ¼ oz., \$16.00.



PETUNIA ALL DOUBLE SONATA

Two-Tone Asters

ASTER PRINCESS

The flowers are 3 in. across on long stems, have crested center that remains full when flower is completely open. A good shipping variety; of branching habit and early free flowering.

Anne, peachblossom.	Linda, clear light
Barbara, orchid.	rose.
Bonnie, soft salmon	Margaret, rose.
pink.	Marsha, cinnabar
Elizabeth, pure	scarlet.
white.	Pat, (New), crimson.
GoldenSheaf, yellow	Susan, true deep
self.	blue

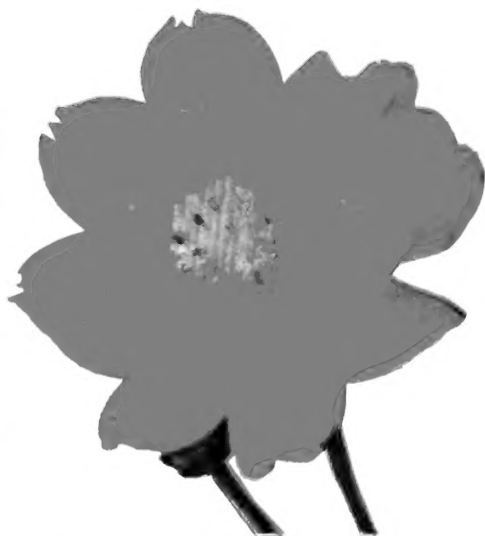
Mixed. Above and others not yet introduced.
Each, trade pkt., 40c; ¼ oz., 90c; Oz., \$3.00.



Beauty Plus Vigor **PETUNIA SILVER MEDAL (F-1 HYBRID)**

A bright salmon pink with rose sheen, the 3 inch flowers are freely produced on dense plants 15 to 18 inches wide. Because of their hybrid vigor the plants remain upright under all conditions making this especially valuable as a pot item and for the garden border.

Trade pkt., \$1.90; ½ trade pkt., \$1.10; 1/128 oz., \$3.75; ¼ oz., \$7.00.



Red and Yellow Cosmos

FIESTA

(Silver Medal All America Selections 1952)

Brilliant flowers, gold striped scarlet. The compact plant, 2½ ft. tall, provides a riot of bloom all summer long. Flowers are semi-double, ruffled, borne amidst lacy foliage. Trade pkt., 50c; ¼ oz., \$1.00; Oz., \$3.60.

New Cactus Zinnias **GIANT CACTUS FLOWERED HYBRIDS**

(Europae Hybrids)

3 ft. As a semi-cactus dahlia differs from the formal decorative type, with its uniform petals, regularly arranged, so does the cactus flowered hybrid zinnia differ from the older forms of this flower. No zinnia has larger flowers than these, up to 6 inches in diameter; and all the softer zinnia colors are included in the mixture, besides some lovely pastels found nowhere else. In form as well as color, there is much variation. The petals of some flowers are fluted, others are flat and twisted, but all are beautiful, often spectacular. Trade pkt., 50c; ¼ oz., \$1.00; oz., \$3.00; ¼ lb., \$9.00.



ZINNIA GIANT CACTUS FLOWERED HYBRIDS



PETUNIA

Vaughan's Formula All Double Giant Mixture

This blend is composed of All Double Mixtures to which have been added the important separate colors in the proper proportion to give the finest balanced mixture.

Trade pkt., \$4.00; 1/2 Trade pkt., \$2.25; 1/128 oz., \$7.25; 1/64 oz., \$13.50.